



July 15, 2025

Devon Energy Production Company, LP
333 West Sheridan Ave.
Oklahoma City, OK 73102

Attn: New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico, NM 87505

RE: **Remediation Closure Report**
Devon Energy Production Company, LP
Longview Deep Federal 1-#021H
NMOCD I.D. # nAPP2420035294
Unit 4, Section 1, Township 23 South, Range 28 East
32.33867°, -104.04529°
Eddy County, New Mexico
Terracon Project No. KH247040

To Whom It May Concern:

Terracon Consultants, Inc. (Terracon) is pleased to submit our Remediation Closure Report on behalf of Devon Energy Production Company, LP (Devon) for the site referenced above. The report is prepared in accordance with the New Mexico Oil Conservation Division (NMOCD) regulations (19.15.29 NMAC). The below sections include a brief chronology of project history and detail the remedial actions conducted at the site referenced above.

Chronology of Events

- **July 17, 2024:** A release of produced water was discovered and reported by Devon at the Longview Deep Federal 1-#021H
- **July 22, 2024, to August 19, 2024:** Terracon conducted an investigation to define the horizontal and vertical extent of the release and completed soil excavation and removal to address the identified impacts.
- **September 13, 2024:** Terracon submitted a report titled "Release Investigation and Closure Report"
- **September 25, 2024:** NMOCD denied the closure report for the following reason:
 - The release site is less than 300 feet from a wetland. Per 19.15.29.12C(4)(e) If a release occurs within 300 feet of a wetland, the responsible party must treat the release as if it occurred less than 50 feet to ground water in Table 1 of 19.15.29.12 NMAC.
- **October 29, 2024:** Terracon submitted a report titled "OCD Closure Denial Response and Amended Closure Report". This report describes a wetland survey conducted by SWCA which presented field-based evidence by a wetland biologist that the feature in question did not meet the criteria of a wetland.

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- **December 20, 2024:** NMOCD responded in an email denying closure of the incident for two reasons:
 - Continued concerns related to the potential presence of the wetland within 300 feet of the spill;
 - Additional confirmation soil sampling was requested.
- **March 27, 2025:** Terracon submitted a Closure Criteria Variance Request, which also included the results of our investigation into the wetland issue.
 - **April 3, 2025:** The NMOCD approved the variance request in an email dated April 3, 2025, stating: *"The site characterization variance request for NAPP2420035294 is approved. The OCD accepts the findings of this Wetland Inventory and the email response from the US Fish and Wildlife Service"*.
 - **April 22, 2025:** Terracon submitted a Remediation Action Plan (RAP) describing the work planned to address the need for confirmation sampling.
 - **April 29, 2025:** NMOCD issued an email approving the RAP, which is included herein as Appendix B, Attachment 1.
 - **May 22, 2025, through July 1, 2025:** Additional soil sampling, excavation, and soil removal from the site was completed. The results of this work are presented in the attached Remediation Closure Report.

Completed Actions

- 1) The inferred release area was excavated to the extent required to attain the NMOCD RAL's, and the excavated material was disposed of at Lea Land Disposal Facility and the excavations were backfilled the with suitable fill material.
 - 2) Terracon collected 5-point confirmation floor samples on 200 square feet intervals and wall samples of the excavated area after completion of the remedial activities.
 - 3) Maps and associated data for approval are provided.
 - 4) Soil samples collected from the site were submitted to Eurofins laboratory for analysis to determine levels of constituents vertically and horizontally in the release area.
-

Terracon appreciates this opportunity to provide environmental services to Devon Energy Production Company, LP. Should you have any questions or require additional information, please do not hesitate to contact our office.

Sincerely,
Terracon Consultants, Inc.

A handwritten signature in black ink, appearing to read 'CS' or similar initials, followed by a horizontal line.

Charles F. Smith
Senior Project Manager

A handwritten signature in black ink, appearing to read 'J Grams'.

John Grams, P.G. (TX)
Senior Geologist

Devon Energy Production Company, LP
Remediation Closure Report
Longview Deep Federal 1-#021H
Terracon Project No. KH247040



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Section 1 – Site Information

The following table provides detailed information regarding the Remediation information for the on-pad produced water release at the Longview Deep Federal 1-#021H site in Eddy County, New Mexico:

Required Information	Site and Release information	
Responsible Party:	The site is operated by Devon Energy Production Company, LP. OGRID #: 6137	
Local Contact:	Contact: Mr. Jim Raley	P: (575) 689-7597 E: jim.raley@devon.com
Site Name	Longview Deep Federal 1-#021H	
API #	30-015-40651	
Facility Description:	Longview Deep Federal 1-#021H, Incident No. nAPP2420035294 is a well location located in Eddy County, New Mexico. It is an area located within Unit 4, Section 1, Township 23 South, Range 28 East, approximately 4.74 miles northeast of Loving, New Mexico. The area around the site is predominantly undeveloped native Federal-owned pastureland. A Topographic Map and Site location Map are included in Appendix A, Exhibit 1, and Exhibit 2, respectively.	
Lease #	NMNM91078	
Lessee:	Devon Energy Production Company, LP	
NMOCD Incidents:	Oil was leaking from a stuffing box onto the pad.	
Type of Discharge:	Produced Water & Crude Oil / Incident ID No: nAPP2420035294	
Quantity Spilled:	Total Fluids: 14.8 bbls	Volume recovered: 3 bbls
Site Characteristics:	Relatively flat with drainage following the natural ground surface; sloping very gently southerly.	
Immediate Corrective Actions:	The Initial C-141 Form stated Closed BOP rams to stop leak. Packing replaced on well. Trucks dispatched for recovery, 3 bbls recovered.	

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Section 2 – General Site Characteristics

Physical Characteristic	Site Ranking Characteristics
Groundwater Boring Location Map (Appendix A, Exhibit 3)	<u>Boring Information:</u> (C-4609 POD 1 SB-1) <u>Depth of Well:</u> 51 ft. bgs <u>Depth to Water:</u> >50 ft. bgs <u>Distance to Well:</u> 0.13 miles to the north <u>Date Drilled:</u> April 26, 2022. Boring log included as Appendix B, Attachment 1. <u>Groundwater Quality:</u> Groundwater in the area of the site is predominately for domestic use.
Surface Water Wetland Area Map (Appendix A, Exhibit 4)	The Pecos River is 1.04 miles southwest. There are no lakebeds, sink holes or playa lake identified within 200 feet. There are no wetlands identified within 300 feet.
100-Year Flood Plain	This site is located outside of the 100-year flood plain.
Karst Characterization Cave Karst Public UCP Map – (Appendix A, Exhibit 5)	A review of the geospatial data obtained from the Bureau of Land Management (BLM) Carlsbad Field Office website indicated that the site is within an area of medium risk for Karst formations, as indicated in the Cave Karst Public UCP Map (Appendix A, Exhibit 5).

Section 3 – Regulatory Framework and Response Action Levels

Oil and gas exploration and production facilities in New Mexico are generally regulated by the New Mexico Oil Conservation Division (NMOCD). Standards governing the remediation and reclamation of sites impacted by releases from oil and gas exploration and production activities are contained in 19.15.29 NMAC.

Section 3.1 – Remediation Levels (Surface to 4 ft. bgs)

The below remediation Limits for BTEX (includes benzene, toluene, ethylbenzene, and xylenes), and benzene, chlorides and TPH (GRO+DRO+MRO), are defined within New Mexico Administration Code (NMAC) 19.15.29.12 and in the NMOCD guidance document “Procedures for Implementation of the Spill Rule” dated September 6, 2019.:

Parameters	Closure Criteria	Analytical Method
Total Benzene, Toluene, Ethylbenzene and Xylenes (Total BTEX)	50 mg/kg	EPA Method 8021B
Benzene	10 mg/kg	EPA Method 8021B
Chlorides	10,000 mg/kg	EPA Method 300
Total Petroleum Hydrocarbons (TPH) GRO, DRO and MRO	2,500 mg/kg	EPA Method 8015M
TPH (GRO+DRO)	1,000 mg/kg	EPA Method 8015M

Devon Energy Production Company, LP
Remediation Closure Report
Longview Deep Federal 1-#021H
Terracon Project No. KH247040



Section 4 – Site Assessment/Delineation

Site Assessment/Delineation

Initial site assessment activities were conducted from July 22, 2024, to August 19, 2024. The results of the report were presented in a Release Investigation and Closure Report submitted to the NMOCD dated September 13, 2024. This work included collecting 29 delineation soil samples from 21 locations (DSH-01 through DSH-13 and DSV-01 through DSV-08). The soil samples were collected using a hand auger from depths ranging from 0.5-feet bgs to 8.0-feet bgs. The soil samples collected were submitted for analysis of BTEX, Chloride and TPH, none of which were detected above the NMOCD RAL's.

In response to the NMOCD denial, on February 28, 2025, additional sampling was completed using composite samples. A total of 54 composite soil samples were collected from 54 locations (CS-01 through CS-54). The soil samples were collected using a hand auger at a depth of 0.5-feet bgs. The soil samples collected were submitted for analysis of BTEX, Chloride and TPH. BTEX and TPH were not detected above the NMOCD RAL's in 26 of the samples collected. Chloride was not detected above the NMOCD RAL's in 51 of the soil samples collected. BTEX and TPH was detected at levels above the NMOCD RAL's in 25 of the soil samples collected ranging from 1,090 milligrams per kilogram (mg/kg) in soil sample CS-15 (0.5 ft) to 33,830 mg/kg in soil sample CS-51 (0.5 ft). Chloride was detected at levels above the NMOCD RAL's in 3 soil samples collected at concentrations ranging from 16,400 mg/kg in soil sample CS-30 (0.5 ft) to 27,600 mg/kg in soil sample CS-49 (0.5 ft). The sample locations are depicted on the Composite Sample Location Map and the Laboratory Analytical Report along with the Chain of Custody are included in the previously approved RAP.

Section 5 – Remediation

Remediation Timeline and Closure Activities

Remediation activities at the site were conducted from May 22, 2025, through July 1, 2025. This work consisted of excavation and removal of soil that exceeded NMOCD RAL's. The material remaining in place does not exceed the NMOCD RAL's.

A total area estimated at 5,538 square feet (sq. ft.) was excavated to a depth of between 2-feet to 4-feet bgs. The excavated material was stockpiled on site and disposed of at Lea Land disposal facility. A total of 27 five-point composite closure samples were collected from the floor of the excavation on 200 square foot intervals. The soil samples collected were submitted for analysis of BTEX, Chloride and TPH. One confirmation floor soil sample CFS-09 (2.0-2.5 ft) exceeded the NMOCD RALs for TPH at a concentration of 1,200 mg/kg. The exceedance area estimated at 100 square feet was excavated to 4 feet bgs and 1 composite floor sample CFS-09.1 (4.0-4.5 ft) and 4 composite wall samples CWS-09.1 (N-2.0-4.0 ft), CWS-09.1 (E-2.0-4.0 ft), CWS-09.1 (S-2.0-4.0 ft) and CWS-09.1 (W-2.0-4.0 ft) were collected, the results for these sample were below the NMOCD RALs.

A total of 28 composite soil samples were collected from the walls of the excavation. The soil samples collected were submitted for analysis of BTEX, Chloride and TPH. Four confirmation wall soil samples CWS-03 (0.0-2.0 ft), CWS-06 (0.0-2.0 ft), CWS-11 (0.0-2.0 ft) and CWS-19 (0.0-2.0 ft) exceeded the NMOCD RALs. Confirmation wall samples CWS-06 (0.0-2.0 ft), CWS-11 (0.0-2.0 ft) exceeded the NMOCD RALs for



Chloride at concentrations of 17,900 mg/kg and 14,000 mg/kg, respectively. Confirmation wall samples CWS-03 (0.0-2.0 ft), CWS-19 (0.0-2.0 ft) exceeded the NMOCD RALs for TPH at concentrations of 1,980 mg/kg and 1,520 mg/kg, respectively. The wall exceedance areas were excavated an additional 2-feet to 3-feet horizontally to a depth of 2.0-feet bgs and 4 confirmation wall soil samples CWS-03.1 (0.0-2.0 ft), CWS-06.1 (0.0-2.0 ft), CWS-11.1 (0.0-2.0 ft) and CWS-19.1 (0.0-2.0 ft) were collected, the results for these samples were below the NMOCD RALs.

A total of 788 cubic yards of affected soil was excavated and disposed of at Lea Land Disposal Facility. Once the closure criteria were attained, the excavation was backfilled with approximately 788 cubic yards of suitable backfill material. A sample of the backfill material (BF-01) was collected and analyzed for BTEX, Chloride and TPH to evaluate suitability. The sample results of the backfill for BTEX and TPH were not detected above the laboratory detection limits, and chloride was detected below the NMOCD RAL at a concentration of 119 mg/kg. A Confirmation Sample Location Map depicting the confirmation sample locations and excavation areas is included in Appendix A, Exhibit 6. Confirmation floor sample results, and confirmation wall and backfill sample results are provided in Appendix B, Table 1 and Table 2, respectively. The backfill sample result is included in Appendix B, Table 2. The laboratory analytical reports along with the chain of custody are provided in Appendix C. Terracon's Standard of Care, Limitations and Reliance is included as Appendix D.

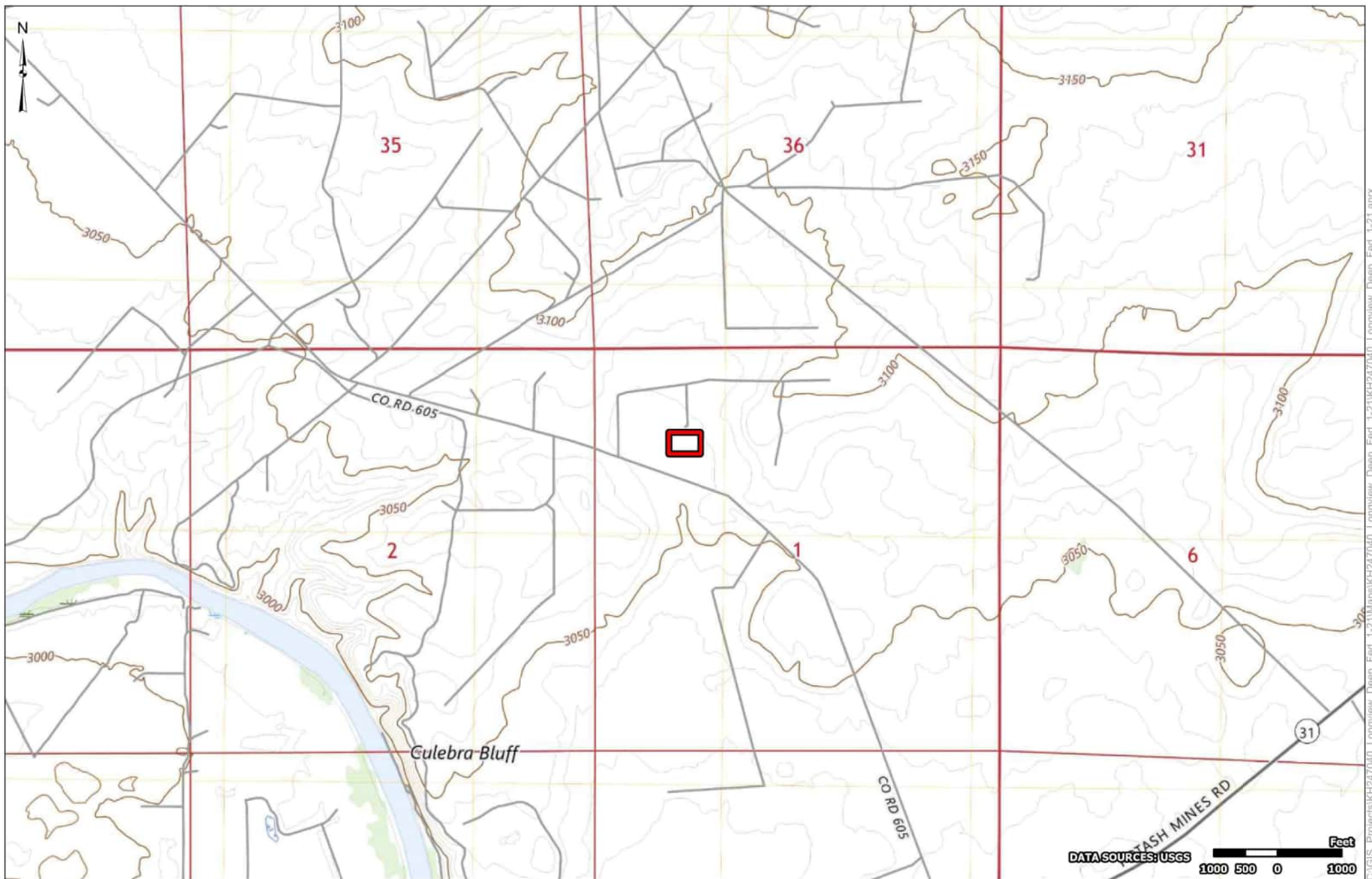
Conclusion

In accordance with NMAC 19.15.29.12, remediation of the impacted material is complete, and Devon Energy Production Company, LP. respectfully requests closure of incident nAPP2420035294 that occurred at the Longview Deep FED 1-021H location.

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APPENDIX A – EXHIBITS

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 Site Boundary

Project No.:
KH247040
Date:
Aug 14 2024
Drawn By:
JWL
Reviewed By:
JRG

Terracon
4526 W Pierce St
Carlsbad, NM
PH. 806-300-0140 terracon.com

Topographic Map

Longview Deep 1-21H
Devon Energy Corp
32.338294, -104.046037
Carlsbad, Eddy County, New Mexico

Exhibit

1



DATA SOURCES: Bing

80 40 0 80 Feet



 Site Boundary

Project No.:
KH247040

Date:
Aug 14 2024

Drawn By:
JWL

Reviewed By:
JRG

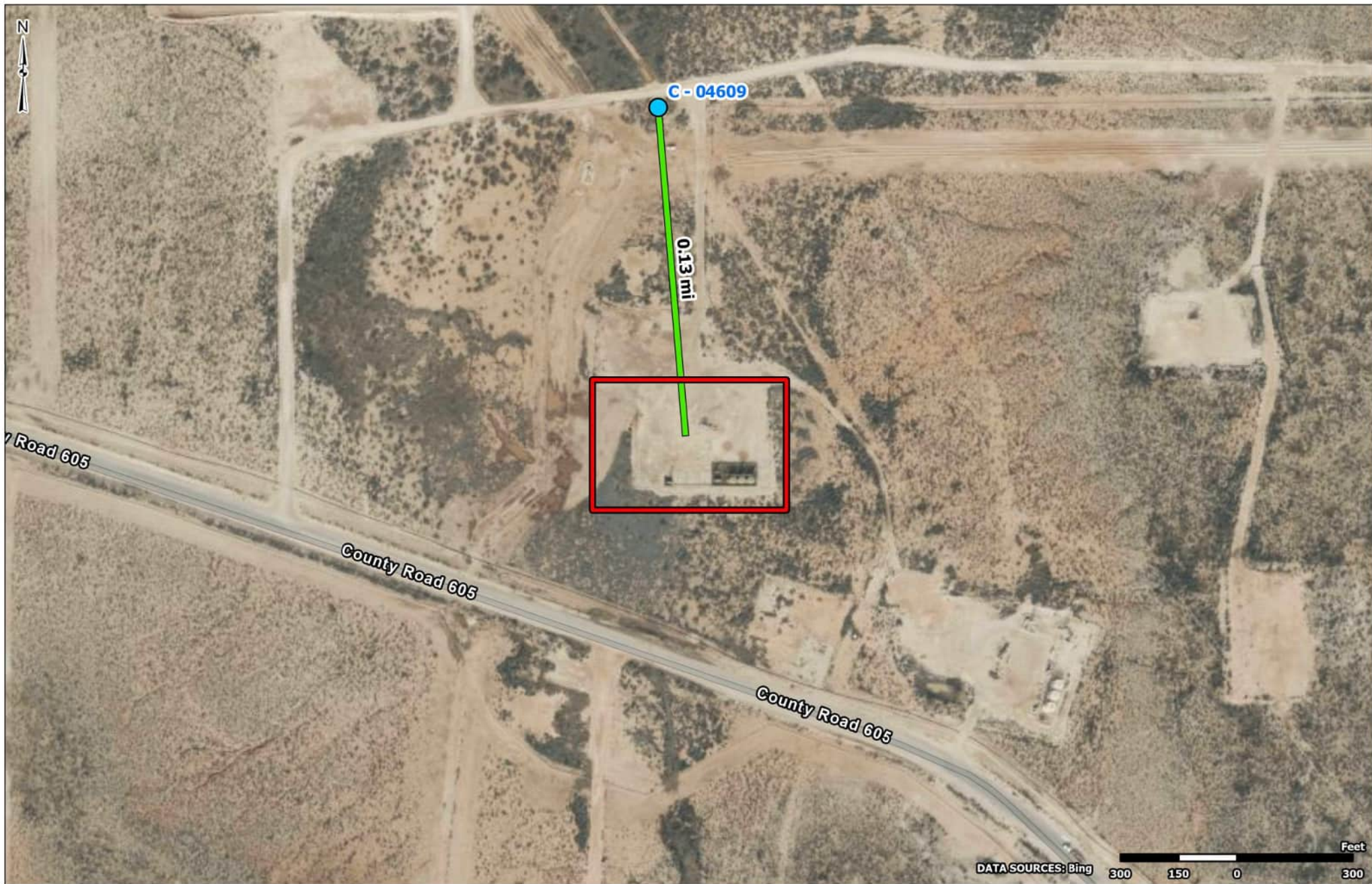

4526 W Pierce St
Carlsbad, NM
PH. 806-300-0140 terracon.com

Site Location Map

Longview Deep 1-21H
Devon Energy Corp
32.338294, -104.046037
Carlsbad, Eddy County, New Mexico

Exhibit

2



- Site Boundary
- NMOSE POD Location

Project No.:
KH247040

Date:
Aug 14 2024

Drawn By:
JWL

Reviewed By:
JRG



4526 W Pierce St
Carlsbad, NM

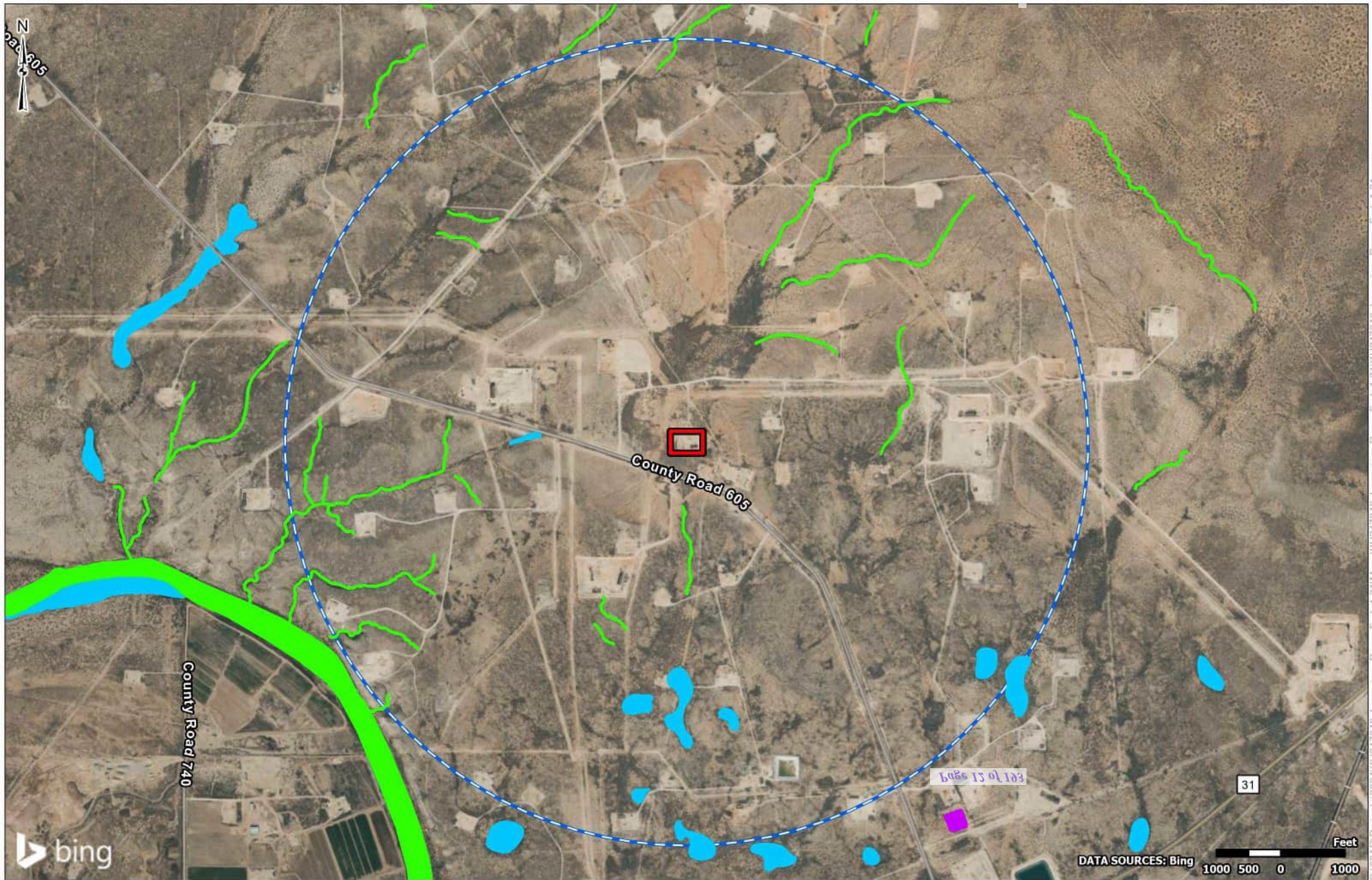
PH. 806-300-0140 terracon.com

NMOSE POD Location Map

Longview Deep 1-21H
Devon Energy Corp
32.338294, -104.046037
Carlsbad, Eddy County, New Mexico

Exhibit

3



- Site Boundary
- 1 Mile Radius
- Freshwater Emergent Wetland
- Freshwater Pond
- Riverine

Project No.:
KH247040

Date:
Apr 18 2025

Drawn By:
JWL

Reviewed By:
JRG



5847 50th St
Lubbock, TX

PH. 806-300-0140 terracon.com

Designated Wetland Area Map

Longview Deep 1-21H
Devon Energy Corp
32.338294, -104.046037
Carlsbad, Eddy County, New Mexico

Exhibit

4

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- Site Boundary
- Karst Potential
- Low
- Medium
- High

Project No.:
KH247040

Date:
Aug 14 2024

Drawn By:
JWL

Reviewed By:
JRG



4526 W Pierce St
Carlsbad, NM

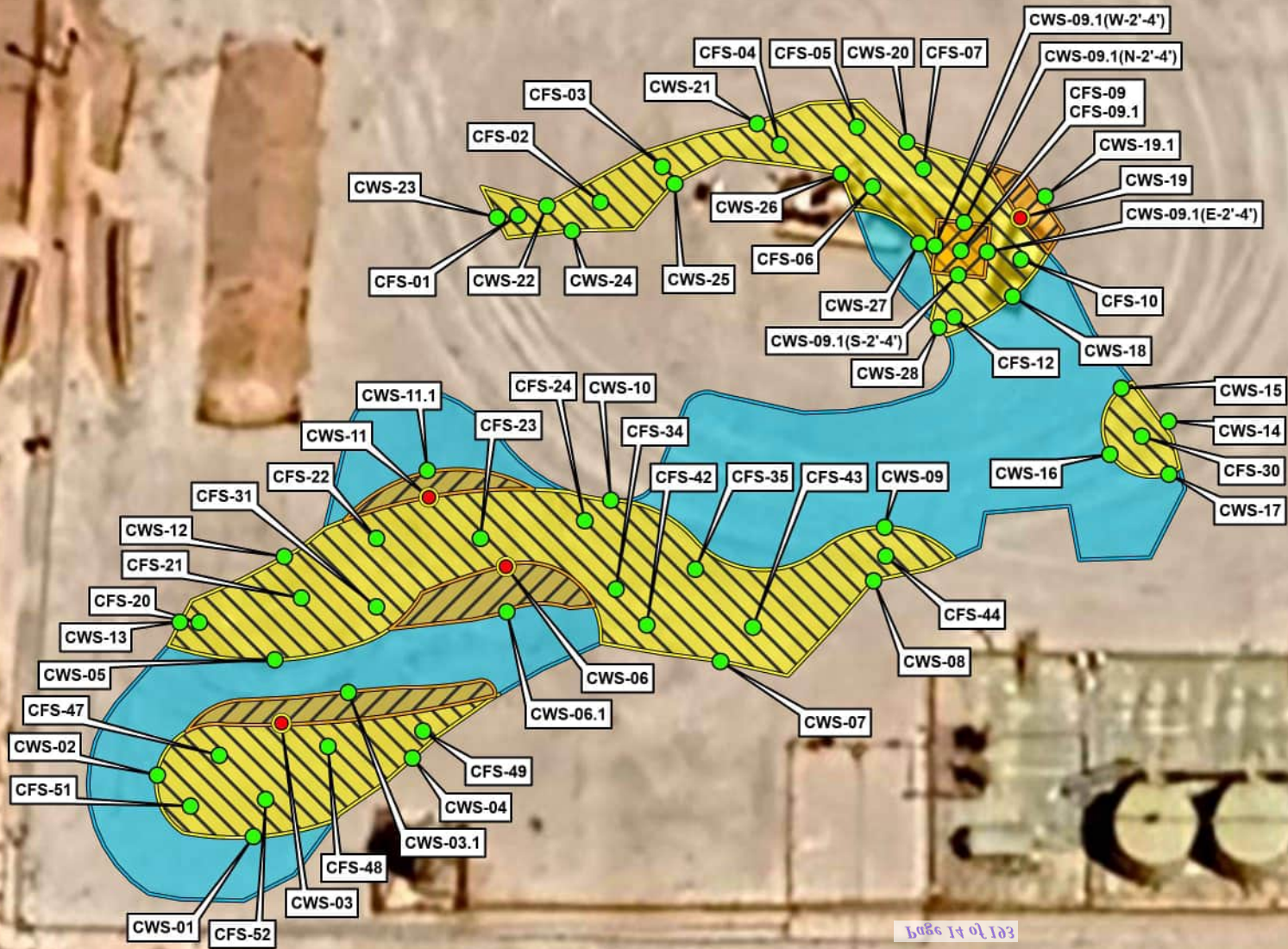
PH. 806-300-0140 terracon.com

Cave Karst Public UCP Map

Longview Deep 1-21H
Devon Energy Corp
32.338294, -104.046037
Carlsbad, Eddy County, New Mexico

Exhibit

5



NMOCD RAL =
10,000 mg/kg for Chloride
1,000 mg/kg for DRO

**Bold and Highlighted denote
concentrations that exceed
the NMOCD Reclamation
and/or Remediation and
Delineation Standards**

- Delineation Sample in Compliance with Closure Criteria
- Delineation Sample with Concentrations Exceeding Closure Criteria
- Excavation Area (4,938 Sq Ft)
- Additional Excavated Area (600 Sq Ft)
- Inferred Release (10,664 Sq Ft)

Project No.:
KH247040
Date:
Jun 23 2025
Drawn By:
JWL
Reviewed By:
JRG

Terracon
5847 50th St
Lubbock, TX
PH. 806-300-0140 terracon.com

Confirmation Sampling Location Map

Longview Deep 1-21H
Devon Energy Corp
32.338294, -104.046037
Carlsbad, Eddy County, New Mexico

Exhibit

6



APPENDIX B – TABLES AND ATTACHMENTS

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Table 1
Soil Analytical Results Summary - Confirmation Floor Samples
Terracon Project No: KH247040 - Longview Deep Federal 1-#021H
NMOCD Reference No. nAPP2420035294

Sample ID	Sample Date	Sample Depth (ft bgs)	Sample Type	Sample Status	Chloride (mg/Kg)	Benzene (mg/Kg)	Total BTEX ¹ (mg/Kg)	Total TPH ² (mg/Kg)	Gasoline Range Organics (C6-C10) (mg/Kg)	Diesel Range Organics (Over C10- C28) (mg/Kg)	Oil Range Organics (Over C28- C36) (mg/Kg)
					EPA Method 300	EPA Method 8021B	EPA Method 8021B	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M
Confirmation Floor Samples											
CFS-01	6/2/2025	2.0 - 2.5	Grab	In-situ	185	ND	ND	ND	ND	ND	ND
CFS-02	6/2/2025	2.0 - 2.5	Grab	In-situ	286	ND	ND	ND	ND	ND	ND
CFS-03	6/2/2025	2.0 - 2.5	Grab	In-situ	433	ND	ND	ND	ND	ND	ND
CFS-04	6/2/2025	2.0 - 2.5	Grab	In-situ	1,930	ND	ND	37.0	ND	37.0	ND
CFS-05	6/2/2025	2.0 - 2.5	Grab	In-situ	931	ND	ND	ND	ND	ND	ND
CFS-06	6/2/2025	2.0 - 2.5	Grab	In-situ	1,890	ND	ND	22.9	ND	22.9	ND
CFS-07	6/2/2025	2.0 - 2.5	Grab	In-situ	2,980	ND	ND	45.4	ND	45.4	ND
CFS-09	6/2/2025	2.0 - 2.5	Grab	Excavated	2,210	ND	ND	1,280	ND	1,280	ND
CFS-09.1	6/13/2025	4.0 - 4.5	Grab	In-situ	3,950	ND	ND	ND	ND	ND	ND
CFS-10	6/2/2025	2.0 - 2.5	Grab	In-situ	291	ND	0.0304	ND	ND	ND	ND
CFS-12	6/2/2025	2.0 - 2.5	Grab	In-situ	430	ND	ND	ND	ND	ND	ND
CFS-20	6/2/2025	2.0 - 2.5	Grab	In-situ	213	ND	ND	16.6	ND	16.6	ND
CFS-21	6/2/2025	2.0 - 2.5	Grab	In-situ	403	ND	ND	38.0	ND	38.0	ND
CFS-22	6/2/2025	2.0 - 2.5	Grab	In-situ	317	ND	ND	ND	ND	ND	ND
CFS-23	6/2/2025	2.0 - 2.5	Grab	In-situ	635	ND	ND	18.9	ND	18.9	ND
CFS-24	6/2/2025	2.0 - 2.5	Grab	In-situ	1,780	ND	ND	61.7	ND	61.7	ND
CFS-30	6/2/2025	2.0 - 2.5	Grab	In-situ	353	ND	ND	ND	ND	ND	ND
CFS-31	6/2/2025	2.0 - 2.5	Grab	In-situ	305	ND	ND	ND	ND	ND	ND
CFS-34	6/2/2025	2.0 - 2.5	Grab	In-situ	1,550	ND	ND	80.0	ND	80.0	ND
CFS-35	6/2/2025	2.0 - 2.5	Grab	In-situ	833	ND	ND	35.2	ND	35.2	ND
CFS-42	6/2/2025	2.0 - 2.5	Grab	In-situ	229	ND	ND	ND	ND	ND	ND
CFS-43	6/2/2025	2.0 - 2.5	Grab	In-situ	284	ND	ND	15.3	ND	15.3	ND
CFS-44	6/2/2025	2.0 - 2.5	Grab	In-situ	235	ND	ND	ND	ND	ND	ND
CFS-47	6/2/2025	2.0 - 2.5	Grab	In-situ	281	ND	ND	ND	ND	ND	ND
CFS-48	6/2/2025	2.0 - 2.5	Grab	In-situ	1,110	ND	ND	ND	ND	ND	ND
CFS-49	6/2/2025	2.0 - 2.5	Grab	In-situ	250	ND	ND	ND	ND	ND	ND
CFS-51	6/2/2025	2.0 - 2.5	Grab	In-situ	407	ND	ND	57.3	ND	57.3	ND
CFS-52	6/2/2025	2.0 - 2.5	Grab	In-situ	284	ND	ND	ND	ND	ND	ND
NMOCD Reclamation Standards ³ (Surface to 4 ft bgs)					10,000	10	50	2,500	1000		N/A
NMOCD Remediation Standards ⁴ (Greater than Depths of 4 ft bgs)					10,000	10	50	2,500	1000		N/A

1. BTEX = Benzene, toluene, ethylbenzene, and total xylenes

2. TPH = Total Petroleum Hydrocarbons

3. New Mexico Administration Code (NMAC) Restoration, Reclamation and Re-vegetation (19.15.29.13), NMAC-D (Reclamation of Areas No Longer in Use) for Soils Extending to 4 ft. bgs

4. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (19.15.29.12) NMAC-N, 8/14/2018

mg/kg = milligrams per kilogram.

ND = Constituent was not detected above the laboratory sample detection limit (SDL).

NA = Not Analyzed

N/A = Not Applicable

Bold and Highlighted values exceed the NMOCD Reclamation and/or Remediation and Delineation Standards.

In-situ = Sample is representative of material which remains in-place at the site.

Excavated = Sample is representative of materials which was excavated and disposed of at a permitted disposal facility.

Data Entry:

cfs

Reviewed By:

jrg



Table 2
Soil Analytical Results Summary - Confirmation Wall Samples
Terracon Project No: KH247040 - Longview Deep Federal 1-#021H
NMOCD Reference No. nAPP2420035294

Sample ID	Sample Date	Sample Start Depth (ft bgs)	Sample End Depth (ft bgs)	Sample Type	Sample Status	Chloride (mg/Kg)	Benzene (mg/Kg)	Total BTEX ¹ (mg/Kg)	Total TPH ² (mg/Kg)	Gasoline Range Organics (C6-C10) (mg/Kg)	Diesel Range Organics (Over C10-C28) (mg/Kg)	Oil Range Organics (Over C28-C36) (mg/Kg)
						EPA Method 300	EPA Method 8021B	EPA Method 8021B	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M
Confirmation Wall Samples												
CWS-01	6/2/2025	0.0	2.0	Comp	In-situ	409	ND	ND	ND	ND	ND	ND
CWS-02	6/2/2025	0.0	2.0	Comp	In-situ	192	ND	ND	ND	ND	ND	ND
CWS-03	6/2/2025	0.0	2.0	Comp	Excavated	2,820	ND	ND	1,980	ND	1,980	ND
CWS-03.1	6/13/2025	0.0	2.0	Comp	In-situ	463	ND	ND	ND	ND	ND	ND
CWS-04	6/2/2025	0.0	2.0	Comp	In-situ	592	ND	ND	ND	ND	ND	ND
CWS-05	6/2/2025	0.0	2.0	Comp	In-situ	3,040	ND	ND	18.0	ND	18.0	ND
CWS-06	6/2/2025	0.0	2.0	Comp	Excavated	17,900	ND	ND	ND	ND	ND	ND
CWS-06.1	6/13/2025	0.0	2.0	Comp	In-situ	2,680	ND	ND	ND	ND	ND	ND
CWS-07	6/2/2025	0.0	2.0	Comp	In-situ	436	ND	ND	ND	ND	ND	ND
CWS-08	6/2/2025	0.0	2.0	Comp	In-situ	639	ND	ND	ND	ND	ND	ND
CWS-09	6/2/2025	0.0	2.0	Comp	In-situ	9,180	ND	ND	ND	ND	ND	ND
CWS-09.1 (N-2'-4')	6/13/2025	2.0	4.0	Comp	In-situ	897	ND	0.00563	ND	ND	ND	ND
CWS-09.1 (E-2'-4')	6/13/2025	2.0	4.0	Comp	In-situ	791	ND	0.00449	ND	ND	ND	ND
CWS-09.1 (S-2'-4')	6/13/2025	2.0	4.0	Comp	In-situ	855	ND	0.00639	ND	ND	ND	ND
CWS-09.1 (W-2'-4')	6/13/2025	2.0	4.0	Comp	In-situ	856	ND	ND	ND	ND	ND	ND
CWS-10	6/2/2025	0.0	2.0	Comp	In-situ	1,030	ND	ND	ND	ND	ND	ND
CWS-11	6/2/2025	0.0	2.0	Comp	Excavated	14,000	ND	ND	15.5	ND	15.5	ND
CWS-11.1	6/13/2025	0.0	2.0	Comp	In-situ	800	ND	ND	ND	ND	ND	ND
CWS-12	6/2/2025	0.0	2.0	Comp	In-situ	296	ND	ND	ND	ND	ND	ND
CWS-13	6/2/2025	0.0	2.0	Comp	In-situ	260	ND	ND	ND	ND	ND	ND
CWS-14	6/2/2025	0.0	2.0	Comp	In-situ	251	ND	ND	ND	ND	ND	ND
CWS-15	6/2/2025	0.0	2.0	Comp	In-situ	1,180	ND	ND	ND	ND	ND	ND
CWS-16	6/2/2025	0.0	2.0	Comp	In-situ	617	ND	ND	39.8	ND	39.8	ND
CWS-17	6/2/2025	0.0	2.0	Comp	In-situ	129	ND	ND	ND	ND	ND	ND
CWS-18	6/2/2025	0.0	2.0	Comp	In-situ	3,150	ND	ND	87.6	ND	87.6	ND
CWS-19	6/2/2025	0.0	2.0	Comp	Excavated	3,580	ND	ND	1,535	14.7	1,520	ND
CWS-19.1	6/13/2025	0.0	2.0	Comp	In-situ	1,580	ND	ND	ND	ND	ND	ND
CWS-20	6/2/2025	0.0	2.0	Comp	In-situ	3,970	ND	ND	52.7	ND	52.7	ND
CWS-21	6/2/2025	0.0	2.0	Comp	In-situ	1,480	ND	ND	313	ND	313	ND
CWS-22	6/2/2025	0.0	2.0	Comp	In-situ	824	ND	ND	ND	ND	ND	ND
CWS-23	6/2/2025	0.0	2.0	Comp	In-situ	2,870	ND	ND	36.0	ND	36.0	ND
CWS-24	6/2/2025	0.0	2.0	Comp	In-situ	258	ND	ND	ND	ND	ND	ND
CWS-25	6/2/2025	0.0	2.0	Comp	In-situ	245	ND	ND	ND	ND	ND	ND
CWS-26	6/2/2025	0.0	2.0	Comp	In-situ	605	ND	ND	ND	ND	ND	ND
NMOCD Reclamation Standards ³ (Surface to 4 ft bgs)						10,000	10	50	2,500	1,000		N/A
NMOCD Remediation Standards ⁴ (Greater than Depths of 4 ft bgs)						10,000	10	50	2,500	1,000		N/A

1. BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

2. TPH = Total Petroleum Hydrocarbons

3. New Mexico Administration Code (NMAC) Restoration, Reclamation and Re-vegetation (19.15.29.13), NMAC-D (Reclamation of Areas No Longer in Use) for Soils Extending to 4 ft. bgs.

4. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (19.15.29.12) NMAC-N, 8/14/2018

mg/kg = milligrams per kilogram.

ND = Constituent was not detected above the laboratory sample detection limit (SDL).

NA = Not Analyzed

N/A = Not Applicable

Bold and Highlighted values exceed the NMOCD Reclamation and/or Remediation and Delineation Standards.

In-situ = Sample is representative of material which remains in-place at the site.

Excavated = Sample is representative of materials which was excavated and disposed of at a permitted disposal facility.

Data Entry:

cfs

Reviewed By:

jrg



Table 2
Soil Analytical Results Summary - Confirmation Wall Samples
Terracon Project No: KH247040 - Longview Deep Federal 1-#021H
NMOCD Reference No. nAPP2420035294

Sample ID	Sample Date	Sample Start Depth (ft bgs)	Sample End Depth (ft bgs)	Sample Type	Sample Status	Chloride (mg/Kg)	Benzene (mg/Kg)	Total BTEX ¹ (mg/Kg)	Total TPH ² (mg/Kg)	Gasoline Range Organics (C6-C10) (mg/Kg)	Diesel Range Organics (Over C10-C28) (mg/Kg)	Oil Range Organics (Over C28-C36) (mg/Kg)	
						EPA Method 300	EPA Method 8021B	EPA Method 8021B	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	
Confirmation Wall Samples													
CWS-27	6/2/2025	0.0	2.0	Comp	In-situ	787	ND	ND	ND	ND	ND	ND	
CWS-28	6/2/2025	0.0	2.0	Comp	In-situ	322	ND	ND	241	ND	241	ND	
Backfill Sample													
BF-01	6/12/2025	N/A	N/A	Comp	N/A	119	ND	ND	ND	ND	ND	ND	
NMOCD Reclamation Standards ³ (Surface to 4 ft bgs)						10,000	10	50	2,500	1,000		N/A	
NMOCD Remediation Standards ⁴ (Greater than Depths of 4 ft bgs)						10,000	10	50	2,500	1,000		NA	
1. BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes 2. TPH = Total petroleum hydrocarbons 3. New Mexico Administration Code (NMAC) Restoration, Reclamation and Re-vegetation (19.15.29.13), NMAC-D (Reclamation of Areas No Longer in Use) for Soils Extending to 4 ft. bgs. 4. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (19.15.29.12) NMAC-N, 8/14/2018 mg/kg = milligrams per kilogram. ND = Constituent was not detected above the laboratory sample detection limit (SDL). NA = Not Analyzed N/A = Not Applicable Bold and Highlighted values exceed the NMOCD Reclamation and/or Remediation and Delineation Standards. In-situ = Sample is representative of material which remains in-place at the site. Excavated = Sample is representative of materials which was excavated and disposed of at a permitted disposal facility.										Data Entry:		cfs	
										Reviewed By:		jrg	
										 Explore with us			

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Tuesday, April 29, 2025 10:54 AM

To: Raley, Jim <Jim.Raley@dvn.com>

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 456352

To whom it may concern (c/o James Raley for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2420035294,

with the following conditions:

- **The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of [19.15.29.12](#) NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft². The work will need to occur in 90 days after the work plan has been reviewed.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,

Scott Rodgers

Environmental Specialist - A

505-469-1830

scott.rodgers@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-4609 SB-11		WELL TAG ID NO. SB-11		OSE FILE NO(S). C-4609			
	WELL OWNER NAME(S) Novo Oil & Gas Northern Delaware, LLC				PHONE (OPTIONAL) 405-286-3916			
	WELL OWNER MAILING ADDRESS 1001 W. Wilshire Blvd., Suite 206				CITY Oklahoma City	STATE ZIP OK 73116		
	WELL LOCATION (FROM GPS)	DEGREES 32		MINUTES 20	SECONDS 26.14	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LATITUDE 104		LONGITUDE 02	44.11			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Twp: T23S, Rng: R28E, Sec 1 (area north of CR 605 - Refinery Road)								
2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1757		NAME OF LICENSED DRILLER David Drayback			NAME OF WELL DRILLING COMPANY Envirotech Drilling Services		
	DRILLING STARTED 4/26/2022	DRILLING ENDED 4/26/2022	DEPTH OF COMPLETED WELL (FT) Well not installed, only bore hole		BORE HOLE DEPTH (FT) 51	DEPTH WATER FIRST ENCOUNTERED (FT) DRY		
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) DRY	DATE STATIC MEASURED DRY		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:					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)	SLOT SIZE (inches)
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		
	0 51		~5 inches	Portland Type 1 with 5% bentonite grout	~6.8	pump mix and tremie		

FOR OSE INTERNAL USE

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

FOR USE INTERNAL USE		WR-29 WELL RECORD & LOG (Version 01/26/2022)	
FILE NO.	C-4609-POD1 SBI1	POD NO.	1
LOCATION		TRN NO.	723858
23.38.01.211		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					
4. HYDROGEOLOGIC LOG OF WELL	0	6.5	6.5	reddish brown sand and silt, dry	Y ✓ N		
	6.5	12	5.5	tan fine grained sand and silt, dry	Y ✓ N		
	12	35	23	tan fine grained sand with rock, dry	Y ✓ N		
	35	48	13	tan-brown fine grained sand and silt with rock, dry	Y ✓ N		
	48	51	3	greenish-brown clay, dry	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:					TOTAL ESTIMATED WELL YIELD (gpm): 0	
	☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: NA DRY						

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: Soil boring was installed to determine if groundwater was present at 51 feet bgs. A well was not installed. The borehole was dry	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: David Draybuck	

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:	
	 _____ SIGNATURE OF DRILLER / PRINT-SIGNEE NAME	<u>5-20-22</u> DATE

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO. <u>C-4609-PAD1 SB-11</u>	POD NO. <u>1</u>	TRN NO. <u>723858</u>	
LOCATION <u>Mant 23.28.01.211</u>	WELL TAG ID NO. _____	PAGE 2 OF 2	

Mike A. Hamman, P.E.
State Engineer



Well Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 723858
File Nbr: C 04609
Well File Nbr: C 04609 POD1

May. 26, 2022

BRYAN HANEY
ALTAMIRA-US LLC
14229 PUNTA BONAIRE
CORPUS CHRISTI, TX 78418

Greetings:

The above numbered permit was issued in your name on 04/15/2022.

The Well Record was received in this office on 05/26/2022, stating that it had been completed on 04/26/2022, 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 04/15/2023.

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



Photo 1

Location Sign



Photo 2

Northern Extent of release



Photo 3

View of impacted area near Pumpjack facing SW



Photo 4

View of excavation area near Pumpjack facing SW



Photo 5 View of backfilled excavation area near Pumpjack facing SW



Photo 6 View of the release area at Pumpjack Looking W



Photo 7

View of the excavation area at Pumpjack Looking W

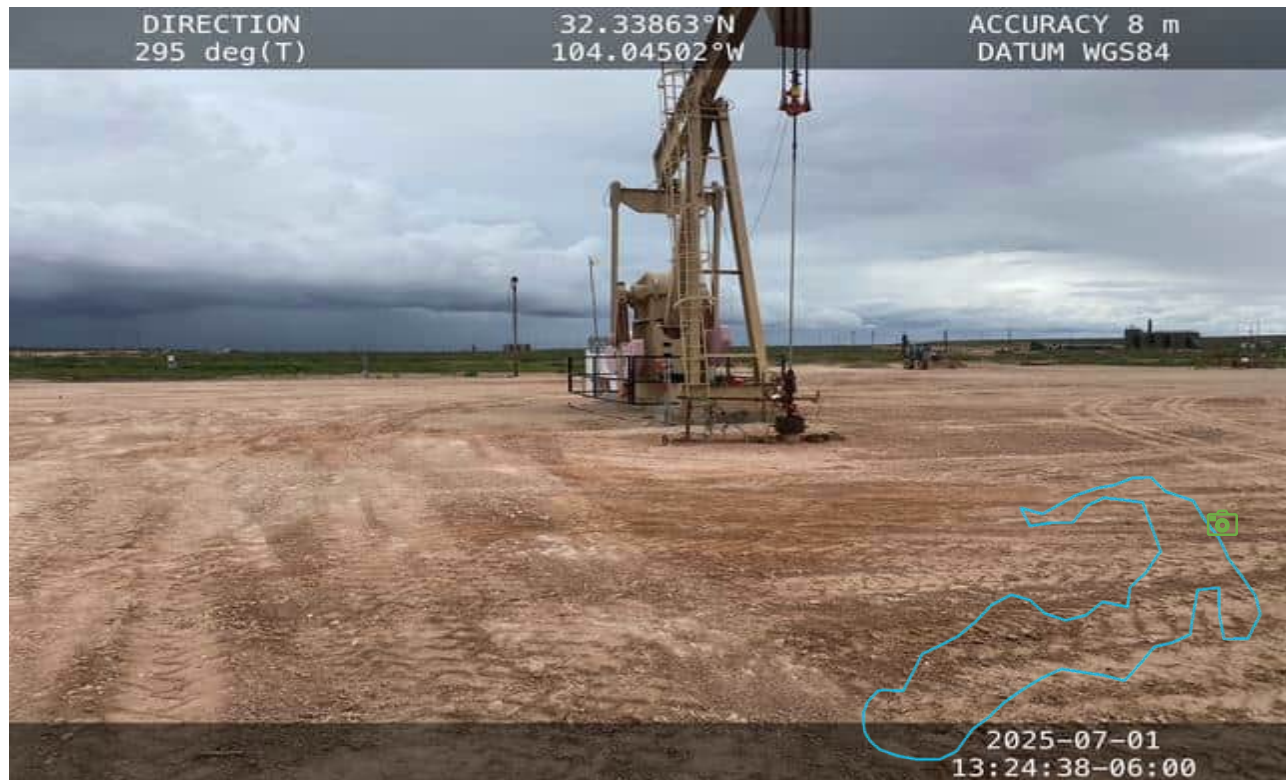


Photo 8

View of the backfilled excavation at Pumpjack Looking W



Photo 9

View of release area from center of pad looking S



Photo 10

View of excavation area from center of pad looking S



Photo 11 View of backfilled excavation area from center of pad looking S



Photo 12 View of release area from NW corner of Pumpjack looking E



Photo 13 View of excavated area from NW corner of Pumpjack looking E



Photo 14 View of backfilled excavation area from NW corner of Pumpjack looking SE



APPENDIX C – LABORATORY ANALYTICAL RESULTS AND CHAIN OF CUSTODY

Revised to match: 01/05/22 10:00:00 AM

ANALYTICAL REPORT

PREPARED FOR

Attn: Chuck Smith
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424
Generated 6/5/2025 2:04:31 PM

JOB DESCRIPTION

Longview Fed 1-21H
Eddy County

JOB NUMBER

820-19192-1

Eurofins Lubbock

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.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
6/5/2025 2:04:31 PM

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



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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Qualifiers

GC VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
U	Analyte was not detected at or above the SDL.
X	Surrogate recovery exceeds control limits

GC Semi VOA

Qualifier	Qualifier Description
b	The compound was found in the blank and sample
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.
X	Surrogate recovery exceeds control limits

HPLC/IC

Qualifier	Qualifier Description
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.

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: Terracon Consulting Eng & Scientists
Project: Longview Fed 1-21H

Job ID: 820-19192-1

Job ID: 820-19192-1

Eurofins Lubbock

Job Narrative 820-19192-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/3/2025 10:04 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 9.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar:

CFS-20 (820-19192-1), CFS-21 (820-19192-2), CFS-22 (820-19192-3), CFS-23 (820-19192-4), CFS-24 (820-19192-5), CFS-31 (820-19192-6), CFS-34 (820-19192-7), CFS-35 (820-19192-8), CFS-42 (820-19192-9), CFS-43 (820-19192-10), CFS-44 (820-19192-11), CFS-47 (820-19192-12), CFS-48 (820-19192-13), CFS-49 (820-19192-14), CFS-51 (820-19192-15), CFS-52 (820-19192-16), CFS-30 (820-19192-17), CFS-01 (820-19192-18), CFS-02 (820-19192-19), CFS-03 (820-19192-20), CFS-04 (820-19192-21), CFS-05 (820-19192-22), CFS-06 (820-19192-23), CFS-07 (820-19192-24), CFS-09 (820-19192-25), CFS-10 (820-19192-26), CFS-12 (820-19192-27), CWS-01 (820-19192-28), CWS-02 (820-19192-29), CWS-03 (820-19192-30), CWS-04 (820-19192-31), CWS-05 (820-19192-32), CWS-06 (820-19192-33), CWS-07 (820-19192-34), CWS-08 (820-19192-35), CWS-09 (820-19192-36), CWS-10 (820-19192-37), CWS-11 (820-19192-38), CWS-12 (820-19192-39), CWS-13 (820-19192-40), CWS-14 (820-19192-41), CWS-15 (820-19192-42), CWS-16 (820-19192-43), CWS-17 (820-19192-44), CWS-18 (820-19192-45), CWS-19 (820-19192-46), CWS-20 (820-19192-47), CWS-21 (820-19192-48), CWS-22 (820-19192-49), CWS-23 (820-19192-50), CWS-24 (820-19192-51), CWS-25 (820-19192-52), CWS-26 (820-19192-53), CWS-27 (820-19192-54) and CWS-28 (820-19192-55)

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-111446 and analytical batch 880-111360 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CWS-22 (820-19192-49). 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.

Diesel Range Organics

Method 8015MOD_NM: The method blank for preparation batch 880-111442 and analytical batch 880-111410 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CFS-23 (820-19192-4), CFS-34 (820-19192-7), CFS-35 (820-19192-8), CFS-42 (820-19192-9), CFS-43 (820-19192-10), CFS-44 (820-19192-11), CFS-49 (820-19192-14), CFS-30 (820-19192-17) and (LCS 880-111442/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CFS-20 (820-19192-1), CFS-21 (820-19192-2), CFS-22 (820-19192-3), CFS-31 (820-19192-6), CFS-47 (820-19192-12), CFS-48 (820-19192-13), CFS-51 (820-19192-15), CFS-01 (820-19192-18), CFS-02 (820-19192-19), CFS-03 (820-19192-20), (820-19192-A-1-E MS) and (820-19192-A-1-F MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-111443/2-A) and (LCSD 880-111443/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Eurofins Lubbock

Case Narrative

Client: Terracon Consulting Eng & Scientists
Project: Longview Fed 1-21H

Job ID: 820-19192-1

Job ID: 820-19192-1 (Continued)

Eurofins Lubbock

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (820-19192-A-21-E MS) and (820-19192-A-21-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CFS-04 (820-19192-21), CFS-05 (820-19192-22), CFS-12 (820-19192-27), CWS-02 (820-19192-29), CWS-03 (820-19192-30), CWS-05 (820-19192-32), CWS-06 (820-19192-33), CWS-09 (820-19192-36) and CWS-11 (820-19192-38). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CWS-01 (820-19192-28), CWS-04 (820-19192-31), CWS-07 (820-19192-34), CWS-10 (820-19192-37), CWS-12 (820-19192-39) and CWS-13 (820-19192-40). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-111444 and analytical batch 880-111505 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 8015MOD_NM: The method blank for preparation batch 880-111444 and analytical batch 880-111505 contained Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-111429 and analytical batch 880-111481 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 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-111425 and analytical batch 880-111466 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 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-111423 and analytical batch 880-111452 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.

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

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-20

Lab Sample ID: 820-19192-1

Date Collected: 06/02/25 12:42

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00199	0.00139	mg/Kg		06/04/25 09:27	06/04/25 11:55	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		06/04/25 09:27	06/04/25 11:55	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		06/04/25 09:27	06/04/25 11:55	1
m,p-Xylenes	<0.00228	U	0.00398	0.00228	mg/Kg		06/04/25 09:27	06/04/25 11:55	1
o-Xylene	<0.00158	U	0.00199	0.00158	mg/Kg		06/04/25 09:27	06/04/25 11:55	1
Xylenes, Total	<0.00228	U	0.00398	0.00228	mg/Kg		06/04/25 09:27	06/04/25 11:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/04/25 09:27	06/04/25 11:55	1
1,4-Difluorobenzene (Surr)	85		70 - 130	06/04/25 09:27	06/04/25 11:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00398	0.00228	mg/Kg			06/04/25 11:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.6	J	49.7	15.0	mg/Kg			06/03/25 22:49	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	<14.4	U	49.7	14.4	mg/Kg		06/03/25 16:04	06/03/25 22:49	1
Diesel Range Organics (Over C10-C28)	16.6	J b	49.7	15.0	mg/Kg		06/03/25 16:04	06/03/25 22:49	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.7	15.0	mg/Kg		06/03/25 16:04	06/03/25 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	143	X	70 - 130	06/03/25 16:04	06/03/25 22:49	1
o-Terphenyl (Surr)	133	X	70 - 130	06/03/25 16:04	06/03/25 22:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	213		10.0	0.395	mg/Kg			06/04/25 12:54	1

Client Sample ID: CFS-21

Lab Sample ID: 820-19192-2

Date Collected: 06/02/25 12:44

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		06/04/25 09:27	06/04/25 12:15	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		06/04/25 09:27	06/04/25 12:15	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		06/04/25 09:27	06/04/25 12:15	1
m,p-Xylenes	<0.00229	U	0.00402	0.00229	mg/Kg		06/04/25 09:27	06/04/25 12:15	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		06/04/25 09:27	06/04/25 12:15	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		06/04/25 09:27	06/04/25 12:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/04/25 09:27	06/04/25 12:15	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-21

Lab Sample ID: 820-19192-2

Date Collected: 06/02/25 12:44

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	06/04/25 09:27	06/04/25 12:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			06/04/25 12:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	38.0	J	50.0	15.1	mg/Kg			06/03/25 23:35	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	<14.5	U	50.0	14.5	mg/Kg		06/03/25 16:04	06/03/25 23:35	1
Diesel Range Organics (Over C10-C28)	38.0	J b	50.0	15.1	mg/Kg		06/03/25 16:04	06/03/25 23:35	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:04	06/03/25 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	140	X	70 - 130				06/03/25 16:04	06/03/25 23:35	1
o-Terphenyl (Surr)	131	X	70 - 130				06/03/25 16:04	06/03/25 23:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	403		10.0	0.397	mg/Kg			06/04/25 15:28	1

Client Sample ID: CFS-22

Lab Sample ID: 820-19192-3

Date Collected: 06/02/25 12:46

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		06/04/25 09:27	06/04/25 12:36	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		06/04/25 09:27	06/04/25 12:36	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg		06/04/25 09:27	06/04/25 12:36	1
m,p-Xylenes	<0.00230	U	0.00402	0.00230	mg/Kg		06/04/25 09:27	06/04/25 12:36	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		06/04/25 09:27	06/04/25 12:36	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		06/04/25 09:27	06/04/25 12:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/04/25 09:27	06/04/25 12:36	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/04/25 09:27	06/04/25 12:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00402	0.00230	mg/Kg			06/04/25 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			06/03/25 23:50	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-22

Lab Sample ID: 820-19192-3

Date Collected: 06/02/25 12:46

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:04	06/03/25 23:50	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:04	06/03/25 23:50	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:04	06/03/25 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	144	X	70 - 130				06/03/25 16:04	06/03/25 23:50	1
o-Terphenyl (Surr)	134	X	70 - 130				06/03/25 16:04	06/03/25 23:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	317		10.1	0.397	mg/Kg			06/04/25 13:23	1

Client Sample ID: CFS-23

Lab Sample ID: 820-19192-4

Date Collected: 06/02/25 12:48

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/04/25 09:27	06/04/25 12:56	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/04/25 09:27	06/04/25 12:56	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/04/25 09:27	06/04/25 12:56	1
m,p-Xylenes	<0.00228	U	0.00399	0.00228	mg/Kg		06/04/25 09:27	06/04/25 12:56	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/04/25 09:27	06/04/25 12:56	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		06/04/25 09:27	06/04/25 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				06/04/25 09:27	06/04/25 12:56	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/04/25 09:27	06/04/25 12:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			06/04/25 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18.9	J	49.6	15.0	mg/Kg			06/04/25 00:04	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	<14.4	U	49.6	14.4	mg/Kg		06/03/25 16:04	06/04/25 00:04	1
Diesel Range Organics (Over C10-C28)	18.9	J b	49.6	15.0	mg/Kg		06/03/25 16:04	06/04/25 00:04	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.6	15.0	mg/Kg		06/03/25 16:04	06/04/25 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	X	70 - 130				06/03/25 16:04	06/04/25 00:04	1
o-Terphenyl (Surr)	128		70 - 130				06/03/25 16:04	06/04/25 00:04	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-23

Lab Sample ID: 820-19192-4

Date Collected: 06/02/25 12:48

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	635		10.1	0.399	mg/Kg			06/04/25 13:31	1

Client Sample ID: CFS-24

Lab Sample ID: 820-19192-5

Date Collected: 06/02/25 12:50

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00202	0.00140	mg/Kg		06/04/25 09:27	06/04/25 13:17	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		06/04/25 09:27	06/04/25 13:17	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		06/04/25 09:27	06/04/25 13:17	1
m,p-Xylenes	<0.00230	U	0.00403	0.00230	mg/Kg		06/04/25 09:27	06/04/25 13:17	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		06/04/25 09:27	06/04/25 13:17	1
Xylenes, Total	<0.00230	U	0.00403	0.00230	mg/Kg		06/04/25 09:27	06/04/25 13:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				06/04/25 09:27	06/04/25 13:17	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/04/25 09:27	06/04/25 13:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00403	0.00230	mg/Kg			06/04/25 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	61.7		49.9	15.1	mg/Kg			06/04/25 00:20	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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:04	06/04/25 00:20	1
Diesel Range Organics (Over C10-C28)	61.7	b	49.9	15.1	mg/Kg		06/03/25 16:04	06/04/25 00:20	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:04	06/04/25 00:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130				06/03/25 16:04	06/04/25 00:20	1
o-Terphenyl (Surr)	122		70 - 130				06/03/25 16:04	06/04/25 00:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1780		49.7	1.96	mg/Kg			06/04/25 13:38	5

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-31

Lab Sample ID: 820-19192-6

Date Collected: 06/02/25 12:52

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		06/04/25 09:27	06/04/25 13:37	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		06/04/25 09:27	06/04/25 13:37	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		06/04/25 09:27	06/04/25 13:37	1
m,p-Xylenes	<0.00227	U	0.00398	0.00227	mg/Kg		06/04/25 09:27	06/04/25 13:37	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		06/04/25 09:27	06/04/25 13:37	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		06/04/25 09:27	06/04/25 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/04/25 09:27	06/04/25 13:37	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/04/25 09:27	06/04/25 13:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			06/04/25 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg			06/04/25 00:35	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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:04	06/04/25 00:35	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:04	06/04/25 00:35	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:04	06/04/25 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	143	X	70 - 130	06/03/25 16:04	06/04/25 00:35	1
o-Terphenyl (Surr)	134	X	70 - 130	06/03/25 16:04	06/04/25 00:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	305		9.96	0.393	mg/Kg			06/04/25 14:00	1

Client Sample ID: CFS-34

Lab Sample ID: 820-19192-7

Date Collected: 06/02/25 12:54

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		06/04/25 09:27	06/04/25 13:58	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		06/04/25 09:27	06/04/25 13:58	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		06/04/25 09:27	06/04/25 13:58	1
m,p-Xylenes	<0.00226	U	0.00396	0.00226	mg/Kg		06/04/25 09:27	06/04/25 13:58	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		06/04/25 09:27	06/04/25 13:58	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg		06/04/25 09:27	06/04/25 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/04/25 09:27	06/04/25 13:58	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-34

Lab Sample ID: 820-19192-7

Date Collected: 06/02/25 12:54

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130	06/04/25 09:27	06/04/25 13:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00226	U	0.00396	0.00226	mg/Kg			06/04/25 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	80.0		50.0	15.1	mg/Kg			06/04/25 00:50	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	<14.5	U	50.0	14.5	mg/Kg		06/03/25 16:04	06/04/25 00:50	1
Diesel Range Organics (Over C10-C28)	80.0	b	50.0	15.1	mg/Kg		06/03/25 16:04	06/04/25 00:50	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:04	06/04/25 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	136	X	70 - 130				06/03/25 16:04	06/04/25 00:50	1
o-Terphenyl (Surr)	127		70 - 130				06/03/25 16:04	06/04/25 00:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		49.9	1.97	mg/Kg			06/04/25 14:07	5

Client Sample ID: CFS-35

Lab Sample ID: 820-19192-8

Date Collected: 06/02/25 12:56

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00199	0.00139	mg/Kg		06/04/25 09:27	06/04/25 14:18	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		06/04/25 09:27	06/04/25 14:18	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		06/04/25 09:27	06/04/25 14:18	1
m,p-Xylenes	<0.00228	U	0.00398	0.00228	mg/Kg		06/04/25 09:27	06/04/25 14:18	1
o-Xylene	<0.00158	U	0.00199	0.00158	mg/Kg		06/04/25 09:27	06/04/25 14:18	1
Xylenes, Total	<0.00228	U	0.00398	0.00228	mg/Kg		06/04/25 09:27	06/04/25 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/04/25 09:27	06/04/25 14:18	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/04/25 09:27	06/04/25 14:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00398	0.00228	mg/Kg			06/04/25 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	35.2	J	50.0	15.1	mg/Kg			06/04/25 01:05	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-35

Lab Sample ID: 820-19192-8

Date Collected: 06/02/25 12:56

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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	<14.5	U	50.0	14.5	mg/Kg		06/03/25 16:04	06/04/25 01:05	1
Diesel Range Organics (Over C10-C28)	35.2	J b	50.0	15.1	mg/Kg		06/03/25 16:04	06/04/25 01:05	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:04	06/04/25 01:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	137	X	70 - 130				06/03/25 16:04	06/04/25 01:05	1
o-Terphenyl (Surr)	128		70 - 130				06/03/25 16:04	06/04/25 01:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	833		9.92	0.392	mg/Kg			06/04/25 14:14	1

Client Sample ID: CFS-42

Lab Sample ID: 820-19192-9

Date Collected: 06/02/25 12:58

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/04/25 09:27	06/04/25 14:39	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/04/25 09:27	06/04/25 14:39	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/04/25 09:27	06/04/25 14:39	1
m,p-Xylenes	<0.00229	U	0.00400	0.00229	mg/Kg		06/04/25 09:27	06/04/25 14:39	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/04/25 09:27	06/04/25 14:39	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		06/04/25 09:27	06/04/25 14:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				06/04/25 09:27	06/04/25 14:39	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/04/25 09:27	06/04/25 14:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00400	0.00229	mg/Kg			06/04/25 14:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.7	15.0	mg/Kg			06/04/25 01:19	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	<14.4	U	49.7	14.4	mg/Kg		06/03/25 16:04	06/04/25 01:19	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.7	15.0	mg/Kg		06/03/25 16:04	06/04/25 01:19	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.7	15.0	mg/Kg		06/03/25 16:04	06/04/25 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	X	70 - 130				06/03/25 16:04	06/04/25 01:19	1
o-Terphenyl (Surr)	130		70 - 130				06/03/25 16:04	06/04/25 01:19	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-42

Lab Sample ID: 820-19192-9

Date Collected: 06/02/25 12:58

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	229		10.0	0.397	mg/Kg			06/04/25 14:22	1

Client Sample ID: CFS-43

Lab Sample ID: 820-19192-10

Date Collected: 06/02/25 13:00

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		06/04/25 09:27	06/04/25 14:59	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		06/04/25 09:27	06/04/25 14:59	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		06/04/25 09:27	06/04/25 14:59	1
m,p-Xylenes	<0.00227	U	0.00397	0.00227	mg/Kg		06/04/25 09:27	06/04/25 14:59	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		06/04/25 09:27	06/04/25 14:59	1
Xylenes, Total	<0.00227	U	0.00397	0.00227	mg/Kg		06/04/25 09:27	06/04/25 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				06/04/25 09:27	06/04/25 14:59	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/04/25 09:27	06/04/25 14:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00397	0.00227	mg/Kg			06/04/25 14:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.3	J	49.7	15.0	mg/Kg			06/04/25 01:34	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	<14.4	U	49.7	14.4	mg/Kg		06/03/25 16:04	06/04/25 01:34	1
Diesel Range Organics (Over C10-C28)	15.3	J b	49.7	15.0	mg/Kg		06/03/25 16:04	06/04/25 01:34	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.7	15.0	mg/Kg		06/03/25 16:04	06/04/25 01:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	135	X	70 - 130				06/03/25 16:04	06/04/25 01:34	1
o-Terphenyl (Surr)	124		70 - 130				06/03/25 16:04	06/04/25 01:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	284		9.94	0.393	mg/Kg			06/04/25 14:29	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-44

Lab Sample ID: 820-19192-11

Date Collected: 06/02/25 13:02

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/04/25 09:27	06/04/25 16:33	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/04/25 09:27	06/04/25 16:33	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/04/25 09:27	06/04/25 16:33	1
m,p-Xylenes	<0.00229	U	0.00401	0.00229	mg/Kg		06/04/25 09:27	06/04/25 16:33	1
o-Xylene	<0.00159	U	0.00200	0.00159	mg/Kg		06/04/25 09:27	06/04/25 16:33	1
Xylenes, Total	<0.00229	U	0.00401	0.00229	mg/Kg		06/04/25 09:27	06/04/25 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/04/25 09:27	06/04/25 16:33	1
1,4-Difluorobenzene (Surr)	87		70 - 130	06/04/25 09:27	06/04/25 16:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00401	0.00229	mg/Kg			06/04/25 16:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			06/04/25 02:05	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	<14.5	U	50.0	14.5	mg/Kg		06/03/25 16:04	06/04/25 02:05	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:04	06/04/25 02:05	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:04	06/04/25 02:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	135	X	70 - 130	06/03/25 16:04	06/04/25 02:05	1
o-Terphenyl (Surr)	126		70 - 130	06/03/25 16:04	06/04/25 02:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	235		9.90	0.391	mg/Kg			06/04/25 14:36	1

Client Sample ID: CFS-47

Lab Sample ID: 820-19192-12

Date Collected: 06/02/25 13:03

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		06/04/25 09:27	06/04/25 16:54	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		06/04/25 09:27	06/04/25 16:54	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		06/04/25 09:27	06/04/25 16:54	1
m,p-Xylenes	<0.00231	U	0.00404	0.00231	mg/Kg		06/04/25 09:27	06/04/25 16:54	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		06/04/25 09:27	06/04/25 16:54	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		06/04/25 09:27	06/04/25 16:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	06/04/25 09:27	06/04/25 16:54	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-47

Lab Sample ID: 820-19192-12

Date Collected: 06/02/25 13:03

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	06/04/25 09:27	06/04/25 16:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			06/04/25 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg			06/04/25 02:19	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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:04	06/04/25 02:19	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:04	06/04/25 02:19	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:04	06/04/25 02:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	143	X	70 - 130				06/03/25 16:04	06/04/25 02:19	1
o-Terphenyl (Surr)	136	X	70 - 130				06/03/25 16:04	06/04/25 02:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	281		10.0	0.395	mg/Kg			06/04/25 14:58	1

Client Sample ID: CFS-48

Lab Sample ID: 820-19192-13

Date Collected: 06/02/25 13:04

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00199	0.00139	mg/Kg		06/04/25 09:27	06/04/25 17:14	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		06/04/25 09:27	06/04/25 17:14	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		06/04/25 09:27	06/04/25 17:14	1
m,p-Xylenes	<0.00228	U	0.00398	0.00228	mg/Kg		06/04/25 09:27	06/04/25 17:14	1
o-Xylene	<0.00158	U	0.00199	0.00158	mg/Kg		06/04/25 09:27	06/04/25 17:14	1
Xylenes, Total	<0.00228	U	0.00398	0.00228	mg/Kg		06/04/25 09:27	06/04/25 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	06/04/25 09:27	06/04/25 17:14	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/04/25 09:27	06/04/25 17:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00398	0.00228	mg/Kg			06/04/25 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg			06/04/25 02:35	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-48

Lab Sample ID: 820-19192-13

Date Collected: 06/02/25 13:04

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:04	06/04/25 02:35	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:04	06/04/25 02:35	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:04	06/04/25 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	145	X	70 - 130				06/03/25 16:04	06/04/25 02:35	1
o-Terphenyl (Surr)	138	X	70 - 130				06/03/25 16:04	06/04/25 02:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1110		10.0	0.396	mg/Kg			06/04/25 15:06	1

Client Sample ID: CFS-49

Lab Sample ID: 820-19192-14

Date Collected: 06/02/25 13:06

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00202	0.00140	mg/Kg		06/04/25 09:27	06/04/25 17:35	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		06/04/25 09:27	06/04/25 17:35	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		06/04/25 09:27	06/04/25 17:35	1
m,p-Xylenes	<0.00230	U	0.00403	0.00230	mg/Kg		06/04/25 09:27	06/04/25 17:35	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		06/04/25 09:27	06/04/25 17:35	1
Xylenes, Total	<0.00230	U	0.00403	0.00230	mg/Kg		06/04/25 09:27	06/04/25 17:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				06/04/25 09:27	06/04/25 17:35	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/04/25 09:27	06/04/25 17:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00403	0.00230	mg/Kg			06/04/25 17:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			06/04/25 02:50	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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:04	06/04/25 02:50	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:04	06/04/25 02:50	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:04	06/04/25 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	138	X	70 - 130				06/03/25 16:04	06/04/25 02:50	1
o-Terphenyl (Surr)	128		70 - 130				06/03/25 16:04	06/04/25 02:50	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-49

Lab Sample ID: 820-19192-14

Date Collected: 06/02/25 13:06

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		10.0	0.395	mg/Kg			06/04/25 15:35	1

Client Sample ID: CFS-51

Lab Sample ID: 820-19192-15

Date Collected: 06/02/25 13:08

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		06/04/25 09:27	06/04/25 17:55	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		06/04/25 09:27	06/04/25 17:55	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		06/04/25 09:27	06/04/25 17:55	1
m,p-Xylenes	<0.00227	U	0.00397	0.00227	mg/Kg		06/04/25 09:27	06/04/25 17:55	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		06/04/25 09:27	06/04/25 17:55	1
Xylenes, Total	<0.00227	U	0.00397	0.00227	mg/Kg		06/04/25 09:27	06/04/25 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				06/04/25 09:27	06/04/25 17:55	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/04/25 09:27	06/04/25 17:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00397	0.00227	mg/Kg			06/04/25 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.3		49.8	15.1	mg/Kg			06/04/25 03:06	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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:04	06/04/25 03:06	1
Diesel Range Organics (Over C10-C28)	57.3	b	49.8	15.1	mg/Kg		06/03/25 16:04	06/04/25 03:06	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:04	06/04/25 03:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	143	X	70 - 130				06/03/25 16:04	06/04/25 03:06	1
o-Terphenyl (Surr)	135	X	70 - 130				06/03/25 16:04	06/04/25 03:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	407		10.1	0.397	mg/Kg			06/04/25 15:42	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-52

Lab Sample ID: 820-19192-16

Date Collected: 06/02/25 13:10

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		06/04/25 09:27	06/04/25 18:16	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		06/04/25 09:27	06/04/25 18:16	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		06/04/25 09:27	06/04/25 18:16	1
m,p-Xylenes	<0.00229	U	0.00402	0.00229	mg/Kg		06/04/25 09:27	06/04/25 18:16	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		06/04/25 09:27	06/04/25 18:16	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		06/04/25 09:27	06/04/25 18:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	06/04/25 09:27	06/04/25 18:16	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/04/25 09:27	06/04/25 18:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			06/04/25 18:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			06/04/25 03:20	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	<14.5	U	50.0	14.5	mg/Kg		06/03/25 16:04	06/04/25 03:20	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:04	06/04/25 03:20	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:04	06/04/25 03:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130	06/03/25 16:04	06/04/25 03:20	1
o-Terphenyl (Surr)	70		70 - 130	06/03/25 16:04	06/04/25 03:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	284		10.1	0.398	mg/Kg			06/05/25 08:27	1

Client Sample ID: CFS-30

Lab Sample ID: 820-19192-17

Date Collected: 06/02/25 13:14

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/04/25 09:27	06/04/25 18:36	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/04/25 09:27	06/04/25 18:36	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/04/25 09:27	06/04/25 18:36	1
m,p-Xylenes	<0.00229	U	0.00401	0.00229	mg/Kg		06/04/25 09:27	06/04/25 18:36	1
o-Xylene	<0.00159	U	0.00200	0.00159	mg/Kg		06/04/25 09:27	06/04/25 18:36	1
Xylenes, Total	<0.00229	U	0.00401	0.00229	mg/Kg		06/04/25 09:27	06/04/25 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	06/04/25 09:27	06/04/25 18:36	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-30

Lab Sample ID: 820-19192-17

Date Collected: 06/02/25 13:14

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	98		70 - 130	06/04/25 09:27	06/04/25 18:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00401	0.00229	mg/Kg			06/04/25 18:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			06/04/25 03:37	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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:04	06/04/25 03:37	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:04	06/04/25 03:37	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:04	06/04/25 03:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	137	X	70 - 130				06/03/25 16:04	06/04/25 03:37	1
o-Terphenyl (Surr)	128		70 - 130				06/03/25 16:04	06/04/25 03:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	353		10.0	0.397	mg/Kg			06/04/25 15:57	1

Client Sample ID: CFS-01

Lab Sample ID: 820-19192-18

Date Collected: 06/02/25 13:18

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00199	0.00139	mg/Kg		06/04/25 09:27	06/04/25 18:57	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		06/04/25 09:27	06/04/25 18:57	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		06/04/25 09:27	06/04/25 18:57	1
m,p-Xylenes	<0.00228	U	0.00398	0.00228	mg/Kg		06/04/25 09:27	06/04/25 18:57	1
o-Xylene	<0.00158	U	0.00199	0.00158	mg/Kg		06/04/25 09:27	06/04/25 18:57	1
Xylenes, Total	<0.00228	U	0.00398	0.00228	mg/Kg		06/04/25 09:27	06/04/25 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	06/04/25 09:27	06/04/25 18:57	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/04/25 09:27	06/04/25 18:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00398	0.00228	mg/Kg			06/04/25 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg			06/04/25 03:51	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-01

Lab Sample ID: 820-19192-18

Date Collected: 06/02/25 13:18

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:04	06/04/25 03:51	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:04	06/04/25 03:51	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:04	06/04/25 03:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	146	X	70 - 130				06/03/25 16:04	06/04/25 03:51	1
o-Terphenyl (Surr)	137	X	70 - 130				06/03/25 16:04	06/04/25 03:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		10.0	0.396	mg/Kg			06/04/25 16:04	1

Client Sample ID: CFS-02

Lab Sample ID: 820-19192-19

Date Collected: 06/02/25 13:20

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		06/04/25 09:27	06/04/25 19:17	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		06/04/25 09:27	06/04/25 19:17	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		06/04/25 09:27	06/04/25 19:17	1
m,p-Xylenes	<0.00227	U	0.00397	0.00227	mg/Kg		06/04/25 09:27	06/04/25 19:17	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		06/04/25 09:27	06/04/25 19:17	1
Xylenes, Total	<0.00227	U	0.00397	0.00227	mg/Kg		06/04/25 09:27	06/04/25 19:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				06/04/25 09:27	06/04/25 19:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/04/25 09:27	06/04/25 19:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00397	0.00227	mg/Kg			06/04/25 19:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			06/04/25 04:08	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	<14.5	U	50.0	14.5	mg/Kg		06/03/25 16:04	06/04/25 04:08	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:04	06/04/25 04:08	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:04	06/04/25 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	140	X	70 - 130				06/03/25 16:04	06/04/25 04:08	1
o-Terphenyl (Surr)	133	X	70 - 130				06/03/25 16:04	06/04/25 04:08	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-02

Lab Sample ID: 820-19192-19

Date Collected: 06/02/25 13:20

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	286		10.1	0.399	mg/Kg			06/04/25 16:11	1

Client Sample ID: CFS-03

Lab Sample ID: 820-19192-20

Date Collected: 06/02/25 13:22

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/04/25 09:27	06/04/25 19:38	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/04/25 09:27	06/04/25 19:38	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/04/25 09:27	06/04/25 19:38	1
m,p-Xylenes	<0.00229	U	0.00400	0.00229	mg/Kg		06/04/25 09:27	06/04/25 19:38	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/04/25 09:27	06/04/25 19:38	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		06/04/25 09:27	06/04/25 19:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				06/04/25 09:27	06/04/25 19:38	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/04/25 09:27	06/04/25 19:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00400	0.00229	mg/Kg			06/04/25 19:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			06/04/25 04:22	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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:04	06/04/25 04:22	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:04	06/04/25 04:22	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:04	06/04/25 04:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	146	X	70 - 130				06/03/25 16:04	06/04/25 04:22	1
o-Terphenyl (Surr)	137	X	70 - 130				06/03/25 16:04	06/04/25 04:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	433		9.94	0.393	mg/Kg			06/04/25 16:18	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-04

Lab Sample ID: 820-19192-21

Date Collected: 06/02/25 13:24

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00199	0.00139	mg/Kg		06/03/25 16:19	06/03/25 22:07	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		06/03/25 16:19	06/03/25 22:07	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		06/03/25 16:19	06/03/25 22:07	1
m,p-Xylenes	<0.00228	U	0.00398	0.00228	mg/Kg		06/03/25 16:19	06/03/25 22:07	1
o-Xylene	<0.00158	U	0.00199	0.00158	mg/Kg		06/03/25 16:19	06/03/25 22:07	1
Xylenes, Total	<0.00228	U	0.00398	0.00228	mg/Kg		06/03/25 16:19	06/03/25 22:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/03/25 16:19	06/03/25 22:07	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/03/25 16:19	06/03/25 22:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00398	0.00228	mg/Kg			06/03/25 22:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	37.0	J	50.0	15.1	mg/Kg			06/04/25 10:16	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	<14.5	U	50.0	14.5	mg/Kg		06/03/25 16:06	06/04/25 10:16	1
Diesel Range Organics (Over C10-C28)	37.0	J	50.0	15.1	mg/Kg		06/03/25 16:06	06/04/25 10:16	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:06	06/04/25 10:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	147	X	70 - 130				06/03/25 16:06	06/04/25 10:16	1
o-Terphenyl (Surr)	139	X	70 - 130				06/03/25 16:06	06/04/25 10:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1930		50.4	1.99	mg/Kg			06/04/25 13:09	5

Client Sample ID: CFS-05

Lab Sample ID: 820-19192-22

Date Collected: 06/02/25 13:26

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/03/25 16:19	06/03/25 22:28	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/03/25 16:19	06/03/25 22:28	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/03/25 16:19	06/03/25 22:28	1
m,p-Xylenes	<0.00228	U	0.00399	0.00228	mg/Kg		06/03/25 16:19	06/03/25 22:28	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/03/25 16:19	06/03/25 22:28	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		06/03/25 16:19	06/03/25 22:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/03/25 16:19	06/03/25 22:28	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-05

Lab Sample ID: 820-19192-22

Date Collected: 06/02/25 13:26

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	06/03/25 16:19	06/03/25 22:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			06/03/25 22:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			06/04/25 11:01	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	<14.5	U	50.0	14.5	mg/Kg		06/03/25 16:06	06/04/25 11:01	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:06	06/04/25 11:01	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:06	06/04/25 11:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	142	X	70 - 130				06/03/25 16:06	06/04/25 11:01	1
o-Terphenyl (Surr)	132	X	70 - 130				06/03/25 16:06	06/04/25 11:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	931		10.0	0.397	mg/Kg			06/04/25 13:30	1

Client Sample ID: CFS-06

Lab Sample ID: 820-19192-23

Date Collected: 06/02/25 13:28

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00202	0.00140	mg/Kg		06/03/25 16:19	06/03/25 22:48	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		06/03/25 16:19	06/03/25 22:48	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		06/03/25 16:19	06/03/25 22:48	1
m,p-Xylenes	<0.00230	U	0.00403	0.00230	mg/Kg		06/03/25 16:19	06/03/25 22:48	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		06/03/25 16:19	06/03/25 22:48	1
Xylenes, Total	<0.00230	U	0.00403	0.00230	mg/Kg		06/03/25 16:19	06/03/25 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/03/25 16:19	06/03/25 22:48	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/03/25 16:19	06/03/25 22:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00403	0.00230	mg/Kg			06/03/25 22:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	22.9	J	49.8	15.1	mg/Kg			06/04/25 11:16	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-06

Lab Sample ID: 820-19192-23

Date Collected: 06/02/25 13:28

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:06	06/04/25 11:16	1
Diesel Range Organics (Over C10-C28)	22.9	J	49.8	15.1	mg/Kg		06/03/25 16:06	06/04/25 11:16	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:06	06/04/25 11:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				06/03/25 16:06	06/04/25 11:16	1
o-Terphenyl (Surr)	72		70 - 130				06/03/25 16:06	06/04/25 11:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1890		50.5	1.99	mg/Kg			06/04/25 13:37	5

Client Sample ID: CFS-07

Lab Sample ID: 820-19192-24

Date Collected: 06/02/25 13:30

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		06/03/25 16:19	06/03/25 23:09	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		06/03/25 16:19	06/03/25 23:09	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		06/03/25 16:19	06/03/25 23:09	1
m,p-Xylenes	<0.00227	U	0.00398	0.00227	mg/Kg		06/03/25 16:19	06/03/25 23:09	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		06/03/25 16:19	06/03/25 23:09	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		06/03/25 16:19	06/03/25 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/03/25 16:19	06/03/25 23:09	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/03/25 16:19	06/03/25 23:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			06/03/25 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	45.4	J	49.8	15.1	mg/Kg			06/04/25 11:30	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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:06	06/04/25 11:30	1
Diesel Range Organics (Over C10-C28)	45.4	J	49.8	15.1	mg/Kg		06/03/25 16:06	06/04/25 11:30	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:06	06/04/25 11:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				06/03/25 16:06	06/04/25 11:30	1
o-Terphenyl (Surr)	72		70 - 130				06/03/25 16:06	06/04/25 11:30	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-07

Lab Sample ID: 820-19192-24

Date Collected: 06/02/25 13:30

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2980		49.7	1.96	mg/Kg			06/04/25 13:44	5

Client Sample ID: CFS-09

Lab Sample ID: 820-19192-25

Date Collected: 06/02/25 13:32

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/03/25 16:19	06/03/25 23:29	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/03/25 16:19	06/03/25 23:29	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/03/25 16:19	06/03/25 23:29	1
m,p-Xylenes	<0.00229	U	0.00400	0.00229	mg/Kg		06/03/25 16:19	06/03/25 23:29	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/03/25 16:19	06/03/25 23:29	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		06/03/25 16:19	06/03/25 23:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/03/25 16:19	06/03/25 23:29	1
1,4-Difluorobenzene (Surr)	106		70 - 130				06/03/25 16:19	06/03/25 23:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00400	0.00229	mg/Kg			06/03/25 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1280		49.9	15.1	mg/Kg			06/04/25 11:52	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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:06	06/04/25 11:52	1
Diesel Range Organics (Over C10-C28)	1280		49.9	15.1	mg/Kg		06/03/25 16:06	06/04/25 11:52	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:06	06/04/25 11:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				06/03/25 16:06	06/04/25 11:52	1
o-Terphenyl (Surr)	79		70 - 130				06/03/25 16:06	06/04/25 11:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2210		49.6	1.96	mg/Kg			06/04/25 13:51	5

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-10

Lab Sample ID: 820-19192-26

Date Collected: 06/02/25 13:34

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00199	0.00139	mg/Kg		06/03/25 16:19	06/03/25 23:49	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		06/03/25 16:19	06/03/25 23:49	1
Ethylbenzene	0.0269		0.00199	0.00108	mg/Kg		06/03/25 16:19	06/03/25 23:49	1
m,p-Xylenes	0.00345	J	0.00398	0.00228	mg/Kg		06/03/25 16:19	06/03/25 23:49	1
o-Xylene	<0.00158	U	0.00199	0.00158	mg/Kg		06/03/25 16:19	06/03/25 23:49	1
Xylenes, Total	0.00345	J	0.00398	0.00228	mg/Kg		06/03/25 16:19	06/03/25 23:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/03/25 16:19	06/03/25 23:49	1
1,4-Difluorobenzene (Surr)	128		70 - 130				06/03/25 16:19	06/03/25 23:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0304		0.00398	0.00228	mg/Kg			06/03/25 23:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			06/04/25 12:06	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	<14.5	U	50.0	14.5	mg/Kg		06/03/25 16:06	06/04/25 12:06	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:06	06/04/25 12:06	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:06	06/04/25 12:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				06/03/25 16:06	06/04/25 12:06	1
o-Terphenyl (Surr)	72		70 - 130				06/03/25 16:06	06/04/25 12:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	291		9.96	0.393	mg/Kg			06/04/25 14:12	1

Client Sample ID: CFS-12

Lab Sample ID: 820-19192-27

Date Collected: 06/02/25 13:36

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		06/03/25 16:19	06/04/25 00:10	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		06/03/25 16:19	06/04/25 00:10	1
Ethylbenzene	0.00112	J	0.00202	0.00110	mg/Kg		06/03/25 16:19	06/04/25 00:10	1
m,p-Xylenes	<0.00231	U	0.00404	0.00231	mg/Kg		06/03/25 16:19	06/04/25 00:10	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		06/03/25 16:19	06/04/25 00:10	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		06/03/25 16:19	06/04/25 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/03/25 16:19	06/04/25 00:10	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-12

Lab Sample ID: 820-19192-27

Date Collected: 06/02/25 13:36

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 2.0 - 2.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	06/03/25 16:19	06/04/25 00:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			06/04/25 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			06/04/25 12:22	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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:06	06/04/25 12:22	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:06	06/04/25 12:22	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:06	06/04/25 12:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	147	X	70 - 130				06/03/25 16:06	06/04/25 12:22	1
o-Terphenyl (Surr)	136	X	70 - 130				06/03/25 16:06	06/04/25 12:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		9.98	0.394	mg/Kg			06/04/25 14:19	1

Client Sample ID: CWS-01

Lab Sample ID: 820-19192-28

Date Collected: 06/02/25 15:50

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		06/03/25 16:19	06/04/25 00:30	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		06/03/25 16:19	06/04/25 00:30	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		06/03/25 16:19	06/04/25 00:30	1
m,p-Xylenes	<0.00226	U	0.00396	0.00226	mg/Kg		06/03/25 16:19	06/04/25 00:30	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		06/03/25 16:19	06/04/25 00:30	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg		06/03/25 16:19	06/04/25 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/03/25 16:19	06/04/25 00:30	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/03/25 16:19	06/04/25 00:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00226	U	0.00396	0.00226	mg/Kg			06/04/25 00:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg			06/04/25 12:37	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-01

Lab Sample ID: 820-19192-28

Date Collected: 06/02/25 15:50

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:06	06/04/25 12:37	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:06	06/04/25 12:37	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:06	06/04/25 12:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	141	X	70 - 130				06/03/25 16:06	06/04/25 12:37	1
o-Terphenyl (Surr)	130		70 - 130				06/03/25 16:06	06/04/25 12:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	409		9.94	0.393	mg/Kg			06/04/25 14:27	1

Client Sample ID: CWS-02

Lab Sample ID: 820-19192-29

Date Collected: 06/02/25 15:52

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/03/25 16:19	06/04/25 00:51	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/03/25 16:19	06/04/25 00:51	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/03/25 16:19	06/04/25 00:51	1
m,p-Xylenes	<0.00228	U	0.00399	0.00228	mg/Kg		06/03/25 16:19	06/04/25 00:51	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/03/25 16:19	06/04/25 00:51	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		06/03/25 16:19	06/04/25 00:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/03/25 16:19	06/04/25 00:51	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/03/25 16:19	06/04/25 00:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			06/04/25 00:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			06/04/25 12:52	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	<14.5	U	50.0	14.5	mg/Kg		06/03/25 16:06	06/04/25 12:52	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:06	06/04/25 12:52	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:06	06/04/25 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	144	X	70 - 130				06/03/25 16:06	06/04/25 12:52	1
o-Terphenyl (Surr)	133	X	70 - 130				06/03/25 16:06	06/04/25 12:52	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-02

Lab Sample ID: 820-19192-29

Date Collected: 06/02/25 15:52

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192		9.92	0.392	mg/Kg			06/04/25 14:34	1

Client Sample ID: CWS-03

Lab Sample ID: 820-19192-30

Date Collected: 06/02/25 15:54

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		06/03/25 16:19	06/04/25 01:11	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		06/03/25 16:19	06/04/25 01:11	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		06/03/25 16:19	06/04/25 01:11	1
m,p-Xylenes	<0.00231	U	0.00404	0.00231	mg/Kg		06/03/25 16:19	06/04/25 01:11	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		06/03/25 16:19	06/04/25 01:11	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		06/03/25 16:19	06/04/25 01:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/03/25 16:19	06/04/25 01:11	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/03/25 16:19	06/04/25 01:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			06/04/25 01:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1980		49.9	15.1	mg/Kg			06/04/25 13:06	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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:06	06/04/25 13:06	1
Diesel Range Organics (Over C10-C28)	1980		49.9	15.1	mg/Kg		06/03/25 16:06	06/04/25 13:06	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:06	06/04/25 13:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	X	70 - 130				06/03/25 16:06	06/04/25 13:06	1
o-Terphenyl (Surr)	144	X	70 - 130				06/03/25 16:06	06/04/25 13:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2820		49.5	1.96	mg/Kg			06/05/25 08:10	5

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-04

Lab Sample ID: 820-19192-31

Date Collected: 06/02/25 15:56

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/03/25 16:19	06/04/25 02:35	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/03/25 16:19	06/04/25 02:35	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/03/25 16:19	06/04/25 02:35	1
m,p-Xylenes	<0.00229	U	0.00401	0.00229	mg/Kg		06/03/25 16:19	06/04/25 02:35	1
o-Xylene	<0.00159	U	0.00200	0.00159	mg/Kg		06/03/25 16:19	06/04/25 02:35	1
Xylenes, Total	<0.00229	U	0.00401	0.00229	mg/Kg		06/03/25 16:19	06/04/25 02:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/03/25 16:19	06/04/25 02:35	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/03/25 16:19	06/04/25 02:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00401	0.00229	mg/Kg			06/04/25 02:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			06/04/25 13:38	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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:06	06/04/25 13:38	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:06	06/04/25 13:38	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:06	06/04/25 13:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	X	70 - 130	06/03/25 16:06	06/04/25 13:38	1
o-Terphenyl (Surr)	128		70 - 130	06/03/25 16:06	06/04/25 13:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	592		10.0	0.395	mg/Kg			06/04/25 14:48	1

Client Sample ID: CWS-05

Lab Sample ID: 820-19192-32

Date Collected: 06/02/25 15:58

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		06/03/25 16:19	06/04/25 02:55	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		06/03/25 16:19	06/04/25 02:55	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		06/03/25 16:19	06/04/25 02:55	1
m,p-Xylenes	<0.00227	U	0.00397	0.00227	mg/Kg		06/03/25 16:19	06/04/25 02:55	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		06/03/25 16:19	06/04/25 02:55	1
Xylenes, Total	<0.00227	U	0.00397	0.00227	mg/Kg		06/03/25 16:19	06/04/25 02:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/03/25 16:19	06/04/25 02:55	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-05

Lab Sample ID: 820-19192-32

Date Collected: 06/02/25 15:58

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	06/03/25 16:19	06/04/25 02:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00397	0.00227	mg/Kg			06/04/25 02:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18.0	J	49.9	15.1	mg/Kg			06/04/25 13:53	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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:06	06/04/25 13:53	1
Diesel Range Organics (Over C10-C28)	18.0	J	49.9	15.1	mg/Kg		06/03/25 16:06	06/04/25 13:53	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:06	06/04/25 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	142	X	70 - 130				06/03/25 16:06	06/04/25 13:53	1
o-Terphenyl (Surr)	132	X	70 - 130				06/03/25 16:06	06/04/25 13:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3040		49.7	1.96	mg/Kg			06/04/25 15:09	5

Client Sample ID: CWS-06

Lab Sample ID: 820-19192-33

Date Collected: 06/02/25 16:00

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00199	0.00139	mg/Kg		06/03/25 16:19	06/04/25 03:16	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		06/03/25 16:19	06/04/25 03:16	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		06/03/25 16:19	06/04/25 03:16	1
m,p-Xylenes	<0.00228	U	0.00398	0.00228	mg/Kg		06/03/25 16:19	06/04/25 03:16	1
o-Xylene	<0.00158	U	0.00199	0.00158	mg/Kg		06/03/25 16:19	06/04/25 03:16	1
Xylenes, Total	<0.00228	U	0.00398	0.00228	mg/Kg		06/03/25 16:19	06/04/25 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/03/25 16:19	06/04/25 03:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/03/25 16:19	06/04/25 03:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00398	0.00228	mg/Kg			06/04/25 03:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			06/04/25 14:08	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-06

Lab Sample ID: 820-19192-33

Date Collected: 06/02/25 16:00

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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	<14.5	U	50.0	14.5	mg/Kg	-	06/03/25 16:06	06/04/25 14:08	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg	-	06/03/25 16:06	06/04/25 14:08	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg	-	06/03/25 16:06	06/04/25 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	146	X	70 - 130				06/03/25 16:06	06/04/25 14:08	1
o-Terphenyl (Surr)	138	X	70 - 130				06/03/25 16:06	06/04/25 14:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17900		202	7.96	mg/Kg	-		06/04/25 15:16	20

Client Sample ID: CWS-07

Lab Sample ID: 820-19192-34

Date Collected: 06/02/25 16:02

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg	-	06/03/25 16:19	06/04/25 03:36	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg	-	06/03/25 16:19	06/04/25 03:36	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg	-	06/03/25 16:19	06/04/25 03:36	1
m,p-Xylenes	<0.00228	U	0.00399	0.00228	mg/Kg	-	06/03/25 16:19	06/04/25 03:36	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg	-	06/03/25 16:19	06/04/25 03:36	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg	-	06/03/25 16:19	06/04/25 03:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/03/25 16:19	06/04/25 03:36	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/03/25 16:19	06/04/25 03:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg	-		06/04/25 03:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg	-		06/04/25 14:23	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	<14.5	U	49.8	14.5	mg/Kg	-	06/03/25 16:06	06/04/25 14:23	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg	-	06/03/25 16:06	06/04/25 14:23	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg	-	06/03/25 16:06	06/04/25 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	141	X	70 - 130				06/03/25 16:06	06/04/25 14:23	1
o-Terphenyl (Surr)	129		70 - 130				06/03/25 16:06	06/04/25 14:23	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-07

Lab Sample ID: 820-19192-34

Date Collected: 06/02/25 16:02

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	436		10.1	0.397	mg/Kg			06/04/25 15:37	1

Client Sample ID: CWS-08

Lab Sample ID: 820-19192-35

Date Collected: 06/02/25 16:04

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/03/25 16:19	06/04/25 03:56	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/03/25 16:19	06/04/25 03:56	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/03/25 16:19	06/04/25 03:56	1
m,p-Xylenes	<0.00229	U	0.00400	0.00229	mg/Kg		06/03/25 16:19	06/04/25 03:56	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/03/25 16:19	06/04/25 03:56	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		06/03/25 16:19	06/04/25 03:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/03/25 16:19	06/04/25 03:56	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/03/25 16:19	06/04/25 03:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00400	0.00229	mg/Kg			06/04/25 03:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			06/04/25 14:39	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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:06	06/04/25 14:39	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:06	06/04/25 14:39	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:06	06/04/25 14:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				06/03/25 16:06	06/04/25 14:39	1
o-Terphenyl (Surr)	119		70 - 130				06/03/25 16:06	06/04/25 14:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	639		10.1	0.399	mg/Kg			06/04/25 15:44	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-09

Lab Sample ID: 820-19192-36

Date Collected: 06/02/25 16:06

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		06/03/25 16:19	06/04/25 04:17	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		06/03/25 16:19	06/04/25 04:17	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		06/03/25 16:19	06/04/25 04:17	1
m,p-Xylenes	<0.00227	U	0.00397	0.00227	mg/Kg		06/03/25 16:19	06/04/25 04:17	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		06/03/25 16:19	06/04/25 04:17	1
Xylenes, Total	<0.00227	U	0.00397	0.00227	mg/Kg		06/03/25 16:19	06/04/25 04:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/03/25 16:19	06/04/25 04:17	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/03/25 16:19	06/04/25 04:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00397	0.00227	mg/Kg			06/04/25 04:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			06/04/25 14:54	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	<14.5	U	50.0	14.5	mg/Kg		06/03/25 16:06	06/04/25 14:54	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:06	06/04/25 14:54	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:06	06/04/25 14:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	142	X	70 - 130				06/03/25 16:06	06/04/25 14:54	1
o-Terphenyl (Surr)	131	X	70 - 130				06/03/25 16:06	06/04/25 14:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9180		99.6	3.93	mg/Kg			06/04/25 15:51	10

Client Sample ID: CWS-10

Lab Sample ID: 820-19192-37

Date Collected: 06/02/25 16:08

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		06/03/25 16:19	06/04/25 04:37	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		06/03/25 16:19	06/04/25 04:37	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		06/03/25 16:19	06/04/25 04:37	1
m,p-Xylenes	<0.00229	U	0.00402	0.00229	mg/Kg		06/03/25 16:19	06/04/25 04:37	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		06/03/25 16:19	06/04/25 04:37	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		06/03/25 16:19	06/04/25 04:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/03/25 16:19	06/04/25 04:37	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-10

Lab Sample ID: 820-19192-37

Date Collected: 06/02/25 16:08

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99		70 - 130	06/03/25 16:19	06/04/25 04:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			06/04/25 04:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.1	15.1	mg/Kg			06/04/25 15:28	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	<14.5	U	50.1	14.5	mg/Kg		06/03/25 16:06	06/04/25 15:28	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg		06/03/25 16:06	06/04/25 15:28	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		06/03/25 16:06	06/04/25 15:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	138	X	70 - 130				06/03/25 16:06	06/04/25 15:28	1
o-Terphenyl (Surr)	126		70 - 130				06/03/25 16:06	06/04/25 15:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1030		49.7	1.96	mg/Kg			06/04/25 15:58	5

Client Sample ID: CWS-11

Lab Sample ID: 820-19192-38

Date Collected: 06/02/25 16:10

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		06/03/25 16:19	06/04/25 04:57	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		06/03/25 16:19	06/04/25 04:57	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		06/03/25 16:19	06/04/25 04:57	1
m,p-Xylenes	<0.00231	U	0.00404	0.00231	mg/Kg		06/03/25 16:19	06/04/25 04:57	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		06/03/25 16:19	06/04/25 04:57	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		06/03/25 16:19	06/04/25 04:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	06/03/25 16:19	06/04/25 04:57	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/03/25 16:19	06/04/25 04:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			06/04/25 04:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.5	J	49.9	15.1	mg/Kg			06/04/25 15:43	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-11

Lab Sample ID: 820-19192-38

Date Collected: 06/02/25 16:10

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:06	06/04/25 15:43	1
Diesel Range Organics (Over C10-C28)	15.5	J	49.9	15.1	mg/Kg		06/03/25 16:06	06/04/25 15:43	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:06	06/04/25 15:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	145	X	70 - 130				06/03/25 16:06	06/04/25 15:43	1
o-Terphenyl (Surr)	138	X	70 - 130				06/03/25 16:06	06/04/25 15:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14000		198	7.84	mg/Kg			06/04/25 16:05	20

Client Sample ID: CWS-12

Lab Sample ID: 820-19192-39

Date Collected: 06/02/25 16:12

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/03/25 16:19	06/04/25 05:18	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/03/25 16:19	06/04/25 05:18	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/03/25 16:19	06/04/25 05:18	1
m,p-Xylenes	<0.00229	U	0.00401	0.00229	mg/Kg		06/03/25 16:19	06/04/25 05:18	1
o-Xylene	<0.00159	U	0.00200	0.00159	mg/Kg		06/03/25 16:19	06/04/25 05:18	1
Xylenes, Total	<0.00229	U	0.00401	0.00229	mg/Kg		06/03/25 16:19	06/04/25 05:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/03/25 16:19	06/04/25 05:18	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/03/25 16:19	06/04/25 05:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00401	0.00229	mg/Kg			06/04/25 05:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			06/04/25 15:58	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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:06	06/04/25 15:58	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:06	06/04/25 15:58	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:06	06/04/25 15:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	141	X	70 - 130				06/03/25 16:06	06/04/25 15:58	1
o-Terphenyl (Surr)	130		70 - 130				06/03/25 16:06	06/04/25 15:58	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-12

Lab Sample ID: 820-19192-39

Date Collected: 06/02/25 16:12

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	296		10.1	0.398	mg/Kg			06/04/25 16:13	1

Client Sample ID: CWS-13

Lab Sample ID: 820-19192-40

Date Collected: 06/02/25 16:14

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		06/03/25 16:19	06/04/25 05:38	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		06/03/25 16:19	06/04/25 05:38	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		06/03/25 16:19	06/04/25 05:38	1
m,p-Xylenes	<0.00227	U	0.00398	0.00227	mg/Kg		06/03/25 16:19	06/04/25 05:38	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		06/03/25 16:19	06/04/25 05:38	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		06/03/25 16:19	06/04/25 05:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/03/25 16:19	06/04/25 05:38	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/03/25 16:19	06/04/25 05:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			06/04/25 05:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.7	15.0	mg/Kg			06/04/25 16:12	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	<14.4	U	49.7	14.4	mg/Kg		06/03/25 16:06	06/04/25 16:12	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.7	15.0	mg/Kg		06/03/25 16:06	06/04/25 16:12	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.7	15.0	mg/Kg		06/03/25 16:06	06/04/25 16:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	140	X	70 - 130				06/03/25 16:06	06/04/25 16:12	1
o-Terphenyl (Surr)	128		70 - 130				06/03/25 16:06	06/04/25 16:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		9.98	0.394	mg/Kg			06/04/25 16:20	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-14

Lab Sample ID: 820-19192-41

Date Collected: 06/02/25 16:20

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/03/25 16:24	06/03/25 18:31	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/03/25 16:24	06/03/25 18:31	1
Ethylbenzene	<0.00109	U *	0.00200	0.00109	mg/Kg		06/03/25 16:24	06/03/25 18:31	1
m,p-Xylenes	<0.00228	U *	0.00399	0.00228	mg/Kg		06/03/25 16:24	06/03/25 18:31	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/03/25 16:24	06/03/25 18:31	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		06/03/25 16:24	06/03/25 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	06/03/25 16:24	06/03/25 18:31	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/03/25 16:24	06/03/25 18:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			06/03/25 18:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.6	15.0	mg/Kg			06/04/25 06:36	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	<14.4	U	49.6	14.4	mg/Kg		06/03/25 10:55	06/04/25 06:36	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.6	15.0	mg/Kg		06/03/25 10:55	06/04/25 06:36	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.6	15.0	mg/Kg		06/03/25 10:55	06/04/25 06:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	06/03/25 10:55	06/04/25 06:36	1
o-Terphenyl (Surr)	86		70 - 130	06/03/25 10:55	06/04/25 06:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	251		9.96	0.393	mg/Kg			06/04/25 17:17	1

Client Sample ID: CWS-15

Lab Sample ID: 820-19192-42

Date Collected: 06/02/25 16:22

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		06/03/25 16:24	06/03/25 18:51	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		06/03/25 16:24	06/03/25 18:51	1
Ethylbenzene	<0.00109	U *	0.00201	0.00109	mg/Kg		06/03/25 16:24	06/03/25 18:51	1
m,p-Xylenes	<0.00229	U *	0.00402	0.00229	mg/Kg		06/03/25 16:24	06/03/25 18:51	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		06/03/25 16:24	06/03/25 18:51	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		06/03/25 16:24	06/03/25 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/03/25 16:24	06/03/25 18:51	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-15

Lab Sample ID: 820-19192-42

Date Collected: 06/02/25 16:22

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	108		70 - 130	06/03/25 16:24	06/03/25 18:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			06/03/25 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.2	15.2	mg/Kg			06/04/25 06:51	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	<14.6	U	50.2	14.6	mg/Kg		06/03/25 10:55	06/04/25 06:51	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.2	15.2	mg/Kg		06/03/25 10:55	06/04/25 06:51	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.2	15.2	mg/Kg		06/03/25 10:55	06/04/25 06:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				06/03/25 10:55	06/04/25 06:51	1
o-Terphenyl (Surr)	97		70 - 130				06/03/25 10:55	06/04/25 06:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1180		9.92	0.392	mg/Kg			06/04/25 17:39	1

Client Sample ID: CWS-16

Lab Sample ID: 820-19192-43

Date Collected: 06/02/25 16:24

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		06/03/25 16:24	06/03/25 19:12	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		06/03/25 16:24	06/03/25 19:12	1
Ethylbenzene	<0.00110	U *	0.00202	0.00110	mg/Kg		06/03/25 16:24	06/03/25 19:12	1
m,p-Xylenes	<0.00231	U *	0.00404	0.00231	mg/Kg		06/03/25 16:24	06/03/25 19:12	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		06/03/25 16:24	06/03/25 19:12	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		06/03/25 16:24	06/03/25 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	06/03/25 16:24	06/03/25 19:12	1
1,4-Difluorobenzene (Surr)	107		70 - 130	06/03/25 16:24	06/03/25 19:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			06/03/25 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	39.8	J	49.9	15.1	mg/Kg			06/04/25 13:21	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-16

Lab Sample ID: 820-19192-43

Date Collected: 06/02/25 16:24

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:08	06/04/25 13:21	1
Diesel Range Organics (Over C10-C28)	39.8	J b	49.9	15.1	mg/Kg		06/03/25 16:08	06/04/25 13:21	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:08	06/04/25 13:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				06/03/25 16:08	06/04/25 13:21	1
o-Terphenyl (Surr)	109		70 - 130				06/03/25 16:08	06/04/25 13:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	617		9.90	0.391	mg/Kg			06/04/25 17:46	1

Client Sample ID: CWS-17

Lab Sample ID: 820-19192-44

Date Collected: 06/02/25 16:26

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		06/03/25 16:24	06/03/25 19:32	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		06/03/25 16:24	06/03/25 19:32	1
Ethylbenzene	<0.00108	U *	0.00199	0.00108	mg/Kg		06/03/25 16:24	06/03/25 19:32	1
m,p-Xylenes	<0.00227	U *	0.00398	0.00227	mg/Kg		06/03/25 16:24	06/03/25 19:32	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		06/03/25 16:24	06/03/25 19:32	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		06/03/25 16:24	06/03/25 19:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				06/03/25 16:24	06/03/25 19:32	1
1,4-Difluorobenzene (Surr)	106		70 - 130				06/03/25 16:24	06/03/25 19:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			06/03/25 19:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg			06/04/25 14:09	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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:08	06/04/25 14:09	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:08	06/04/25 14:09	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:08	06/04/25 14:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				06/03/25 16:08	06/04/25 14:09	1
o-Terphenyl (Surr)	107		70 - 130				06/03/25 16:08	06/04/25 14:09	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-17

Lab Sample ID: 820-19192-44

Date Collected: 06/02/25 16:26

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		9.90	0.391	mg/Kg			06/04/25 17:53	1

Client Sample ID: CWS-18

Lab Sample ID: 820-19192-45

Date Collected: 06/02/25 16:30

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		06/03/25 16:24	06/03/25 19:53	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		06/03/25 16:24	06/03/25 19:53	1
Ethylbenzene	<0.00108	U *	0.00198	0.00108	mg/Kg		06/03/25 16:24	06/03/25 19:53	1
m,p-Xylenes	<0.00227	U *	0.00397	0.00227	mg/Kg		06/03/25 16:24	06/03/25 19:53	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		06/03/25 16:24	06/03/25 19:53	1
Xylenes, Total	<0.00227	U	0.00397	0.00227	mg/Kg		06/03/25 16:24	06/03/25 19:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/03/25 16:24	06/03/25 19:53	1
1,4-Difluorobenzene (Surr)	105		70 - 130				06/03/25 16:24	06/03/25 19:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00397	0.00227	mg/Kg			06/03/25 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	87.6		49.8	15.1	mg/Kg			06/04/25 14:25	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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:08	06/04/25 14:25	1
Diesel Range Organics (Over C10-C28)	87.6	b	49.8	15.1	mg/Kg		06/03/25 16:08	06/04/25 14:25	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:08	06/04/25 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				06/03/25 16:08	06/04/25 14:25	1
o-Terphenyl (Surr)	114		70 - 130				06/03/25 16:08	06/04/25 14:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3150		49.5	1.96	mg/Kg			06/04/25 18:01	5

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-19

Lab Sample ID: 820-19192-46

Date Collected: 06/02/25 16:32

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		06/03/25 16:24	06/03/25 20:13	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		06/03/25 16:24	06/03/25 20:13	1
Ethylbenzene	<0.00109	U *	0.00201	0.00109	mg/Kg		06/03/25 16:24	06/03/25 20:13	1
m,p-Xylenes	<0.00229	U *	0.00402	0.00229	mg/Kg		06/03/25 16:24	06/03/25 20:13	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		06/03/25 16:24	06/03/25 20:13	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		06/03/25 16:24	06/03/25 20:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/03/25 16:24	06/03/25 20:13	1
1,4-Difluorobenzene (Surr)	111		70 - 130				06/03/25 16:24	06/03/25 20:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			06/03/25 20:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1530		50.0	15.1	mg/Kg			06/04/25 14:42	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	14.7	J b	50.0	14.5	mg/Kg		06/03/25 16:08	06/04/25 14:42	1
Diesel Range Organics (Over C10-C28)	1520	b	50.0	15.1	mg/Kg		06/03/25 16:08	06/04/25 14:42	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:08	06/04/25 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				06/03/25 16:08	06/04/25 14:42	1
o-Terphenyl (Surr)	109		70 - 130				06/03/25 16:08	06/04/25 14:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3580		50.4	1.99	mg/Kg			06/04/25 18:22	5

Client Sample ID: CWS-20

Lab Sample ID: 820-19192-47

Date Collected: 06/02/25 16:34

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		06/03/25 16:24	06/03/25 20:34	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		06/03/25 16:24	06/03/25 20:34	1
Ethylbenzene	<0.00110	U *	0.00202	0.00110	mg/Kg		06/03/25 16:24	06/03/25 20:34	1
m,p-Xylenes	<0.00231	U *	0.00404	0.00231	mg/Kg		06/03/25 16:24	06/03/25 20:34	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		06/03/25 16:24	06/03/25 20:34	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		06/03/25 16:24	06/03/25 20:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				06/03/25 16:24	06/03/25 20:34	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-20

Lab Sample ID: 820-19192-47

Date Collected: 06/02/25 16:34

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	109		70 - 130	06/03/25 16:24	06/03/25 20:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			06/03/25 20:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.7		49.8	15.1	mg/Kg			06/04/25 14:58	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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:08	06/04/25 14:58	1
Diesel Range Organics (Over C10-C28)	52.7	b	49.8	15.1	mg/Kg		06/03/25 16:08	06/04/25 14:58	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:08	06/04/25 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				06/03/25 16:08	06/04/25 14:58	1
o-Terphenyl (Surr)	121		70 - 130				06/03/25 16:08	06/04/25 14:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3970		50.1	1.98	mg/Kg			06/04/25 18:30	5

Client Sample ID: CWS-21

Lab Sample ID: 820-19192-48

Date Collected: 06/02/25 16:36

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		06/03/25 16:24	06/03/25 20:54	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		06/03/25 16:24	06/03/25 20:54	1
Ethylbenzene	<0.00108	U *	0.00198	0.00108	mg/Kg		06/03/25 16:24	06/03/25 20:54	1
m,p-Xylenes	<0.00226	U *	0.00396	0.00226	mg/Kg		06/03/25 16:24	06/03/25 20:54	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		06/03/25 16:24	06/03/25 20:54	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg		06/03/25 16:24	06/03/25 20:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/03/25 16:24	06/03/25 20:54	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/03/25 16:24	06/03/25 20:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00226	U	0.00396	0.00226	mg/Kg			06/03/25 20:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	313		49.7	15.0	mg/Kg			06/04/25 15:14	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-21

Lab Sample ID: 820-19192-48

Date Collected: 06/02/25 16:36

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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	<14.4	U	49.7	14.4	mg/Kg	-	06/03/25 16:08	06/04/25 15:14	1
Diesel Range Organics (Over C10-C28)	313	b	49.7	15.0	mg/Kg	-	06/03/25 16:08	06/04/25 15:14	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.7	15.0	mg/Kg	-	06/03/25 16:08	06/04/25 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130				06/03/25 16:08	06/04/25 15:14	1
o-Terphenyl (Surr)	117		70 - 130				06/03/25 16:08	06/04/25 15:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1480		49.9	1.97	mg/Kg	-		06/04/25 18:37	5

Client Sample ID: CWS-22

Lab Sample ID: 820-19192-49

Date Collected: 06/02/25 16:38

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg	-	06/03/25 16:24	06/03/25 21:15	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg	-	06/03/25 16:24	06/03/25 21:15	1
Ethylbenzene	0.00139	J *	0.00200	0.00109	mg/Kg	-	06/03/25 16:24	06/03/25 21:15	1
m,p-Xylenes	<0.00229	U *	0.00400	0.00229	mg/Kg	-	06/03/25 16:24	06/03/25 21:15	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg	-	06/03/25 16:24	06/03/25 21:15	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg	-	06/03/25 16:24	06/03/25 21:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	X	70 - 130				06/03/25 16:24	06/03/25 21:15	1
1,4-Difluorobenzene (Surr)	109		70 - 130				06/03/25 16:24	06/03/25 21:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00400	0.00229	mg/Kg	-		06/03/25 21:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg	-		06/04/25 15:30	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	<14.5	U	50.0	14.5	mg/Kg	-	06/03/25 16:08	06/04/25 15:30	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg	-	06/03/25 16:08	06/04/25 15:30	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg	-	06/03/25 16:08	06/04/25 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				06/03/25 16:08	06/04/25 15:30	1
o-Terphenyl (Surr)	111		70 - 130				06/03/25 16:08	06/04/25 15:30	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-22

Lab Sample ID: 820-19192-49

Date Collected: 06/02/25 16:38

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	824		9.96	0.393	mg/Kg			06/04/25 18:44	1

Client Sample ID: CWS-23

Lab Sample ID: 820-19192-50

Date Collected: 06/02/25 16:40

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/03/25 16:24	06/03/25 21:35	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/03/25 16:24	06/03/25 21:35	1
Ethylbenzene	<0.00109	U *	0.00200	0.00109	mg/Kg		06/03/25 16:24	06/03/25 21:35	1
m,p-Xylenes	<0.00228	U *	0.00399	0.00228	mg/Kg		06/03/25 16:24	06/03/25 21:35	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/03/25 16:24	06/03/25 21:35	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		06/03/25 16:24	06/03/25 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				06/03/25 16:24	06/03/25 21:35	1
1,4-Difluorobenzene (Surr)	110		70 - 130				06/03/25 16:24	06/03/25 21:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			06/03/25 21:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	136		49.9	15.1	mg/Kg			06/04/25 15:46	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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:08	06/04/25 15:46	1
Diesel Range Organics (Over C10-C28)	136	b	49.9	15.1	mg/Kg		06/03/25 16:08	06/04/25 15:46	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:08	06/04/25 15:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				06/03/25 16:08	06/04/25 15:46	1
o-Terphenyl (Surr)	110		70 - 130				06/03/25 16:08	06/04/25 15:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2870		50.0	1.98	mg/Kg			06/04/25 18:52	5

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-24

Lab Sample ID: 820-19192-51

Date Collected: 06/02/25 16:42

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		06/03/25 16:24	06/03/25 23:25	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		06/03/25 16:24	06/03/25 23:25	1
Ethylbenzene	<0.00110	U *	0.00202	0.00110	mg/Kg		06/03/25 16:24	06/03/25 23:25	1
m,p-Xylenes	<0.00231	U *	0.00404	0.00231	mg/Kg		06/03/25 16:24	06/03/25 23:25	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		06/03/25 16:24	06/03/25 23:25	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		06/03/25 16:24	06/03/25 23:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				06/03/25 16:24	06/03/25 23:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/03/25 16:24	06/03/25 23:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			06/03/25 23:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			06/04/25 16:02	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	<14.5	U	49.8	14.5	mg/Kg		06/03/25 16:08	06/04/25 16:02	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:08	06/04/25 16:02	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		06/03/25 16:08	06/04/25 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				06/03/25 16:08	06/04/25 16:02	1
o-Terphenyl (Surr)	115		70 - 130				06/03/25 16:08	06/04/25 16:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	258		10.1	0.399	mg/Kg			06/04/25 18:59	1

Client Sample ID: CWS-25

Lab Sample ID: 820-19192-52

Date Collected: 06/02/25 16:44

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		06/03/25 16:24	06/03/25 23:46	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		06/03/25 16:24	06/03/25 23:46	1
Ethylbenzene	<0.00108	U *	0.00199	0.00108	mg/Kg		06/03/25 16:24	06/03/25 23:46	1
m,p-Xylenes	<0.00227	U *	0.00398	0.00227	mg/Kg		06/03/25 16:24	06/03/25 23:46	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		06/03/25 16:24	06/03/25 23:46	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		06/03/25 16:24	06/03/25 23:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				06/03/25 16:24	06/03/25 23:46	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-25

Lab Sample ID: 820-19192-52

Date Collected: 06/02/25 16:44

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	106		70 - 130	06/03/25 16:24	06/03/25 23:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			06/03/25 23:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.7	15.0	mg/Kg			06/04/25 16:18	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	<14.4	U	49.7	14.4	mg/Kg		06/03/25 16:08	06/04/25 16:18	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.7	15.0	mg/Kg		06/03/25 16:08	06/04/25 16:18	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.7	15.0	mg/Kg		06/03/25 16:08	06/04/25 16:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				06/03/25 16:08	06/04/25 16:18	1
o-Terphenyl (Surr)	108		70 - 130				06/03/25 16:08	06/04/25 16:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	245		10.1	0.398	mg/Kg			06/04/25 19:21	1

Client Sample ID: CWS-26

Lab Sample ID: 820-19192-53

Date Collected: 06/02/25 16:46

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/03/25 16:24	06/04/25 00:06	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/03/25 16:24	06/04/25 00:06	1
Ethylbenzene	<0.00109	U *	0.00200	0.00109	mg/Kg		06/03/25 16:24	06/04/25 00:06	1
m,p-Xylenes	<0.00228	U *	0.00399	0.00228	mg/Kg		06/03/25 16:24	06/04/25 00:06	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/03/25 16:24	06/04/25 00:06	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		06/03/25 16:24	06/04/25 00:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				06/03/25 16:24	06/04/25 00:06	1
1,4-Difluorobenzene (Surr)	116		70 - 130				06/03/25 16:24	06/04/25 00:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			06/04/25 00:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg			06/04/25 16:50	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-26

Lab Sample ID: 820-19192-53

Date Collected: 06/02/25 16:46

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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	<14.5	U	49.9	14.5	mg/Kg	-	06/03/25 16:08	06/04/25 16:50	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg	-	06/03/25 16:08	06/04/25 16:50	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg	-	06/03/25 16:08	06/04/25 16:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				06/03/25 16:08	06/04/25 16:50	1
o-Terphenyl (Surr)	113		70 - 130				06/03/25 16:08	06/04/25 16:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	605		10.1	0.397	mg/Kg	-		06/04/25 19:28	1

Client Sample ID: CWS-27

Lab Sample ID: 820-19192-54

Date Collected: 06/02/25 16:48

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg	-	06/03/25 16:24	06/04/25 00:27	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg	-	06/03/25 16:24	06/04/25 00:27	1
Ethylbenzene	0.00137	J *	0.00202	0.00110	mg/Kg	-	06/03/25 16:24	06/04/25 00:27	1
m,p-Xylenes	<0.00231	U *	0.00404	0.00231	mg/Kg	-	06/03/25 16:24	06/04/25 00:27	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg	-	06/03/25 16:24	06/04/25 00:27	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg	-	06/03/25 16:24	06/04/25 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				06/03/25 16:24	06/04/25 00:27	1
1,4-Difluorobenzene (Surr)	109		70 - 130				06/03/25 16:24	06/04/25 00:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg	-		06/04/25 00:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg	-		06/04/25 17:06	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	<14.5	U	49.8	14.5	mg/Kg	-	06/03/25 16:08	06/04/25 17:06	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg	-	06/03/25 16:08	06/04/25 17:06	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg	-	06/03/25 16:08	06/04/25 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				06/03/25 16:08	06/04/25 17:06	1
o-Terphenyl (Surr)	105		70 - 130				06/03/25 16:08	06/04/25 17:06	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-27

Lab Sample ID: 820-19192-54

Date Collected: 06/02/25 16:48

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	787		10.0	0.397	mg/Kg			06/04/25 19:50	1

Client Sample ID: CWS-28

Lab Sample ID: 820-19192-55

Date Collected: 06/02/25 16:50

Matrix: Solid

Date Received: 06/03/25 10:04

Sample Depth: 0.0 - 2.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		06/03/25 16:24	06/04/25 00:47	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		06/03/25 16:24	06/04/25 00:47	1
Ethylbenzene	<0.00109	U *	0.00201	0.00109	mg/Kg		06/03/25 16:24	06/04/25 00:47	1
m,p-Xylenes	<0.00229	U *	0.00402	0.00229	mg/Kg		06/03/25 16:24	06/04/25 00:47	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		06/03/25 16:24	06/04/25 00:47	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		06/03/25 16:24	06/04/25 00:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				06/03/25 16:24	06/04/25 00:47	1
1,4-Difluorobenzene (Surr)	105		70 - 130				06/03/25 16:24	06/04/25 00:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			06/04/25 00:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	241		49.9	15.1	mg/Kg			06/04/25 17:22	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	<14.5	U	49.9	14.5	mg/Kg		06/03/25 16:08	06/04/25 17:22	1
Diesel Range Organics (Over C10-C28)	241	b	49.9	15.1	mg/Kg		06/03/25 16:08	06/04/25 17:22	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		06/03/25 16:08	06/04/25 17:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				06/03/25 16:08	06/04/25 17:22	1
o-Terphenyl (Surr)	108		70 - 130				06/03/25 16:08	06/04/25 17:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	322		10.0	0.396	mg/Kg			06/04/25 19:57	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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)
820-19192-1	CFS-20	114	85
820-19192-1 MS	CFS-20	100	98
820-19192-1 MSD	CFS-20	100	103
820-19192-2	CFS-21	94	103
820-19192-3	CFS-22	101	96
820-19192-4	CFS-23	98	98
820-19192-5	CFS-24	95	96
820-19192-6	CFS-31	98	97
820-19192-7	CFS-34	103	96
820-19192-8	CFS-35	101	95
820-19192-9	CFS-42	98	101
820-19192-10	CFS-43	96	95
820-19192-11	CFS-44	108	87
820-19192-12	CFS-47	90	104
820-19192-13	CFS-48	93	102
820-19192-14	CFS-49	89	102
820-19192-15	CFS-51	95	100
820-19192-16	CFS-52	95	101
820-19192-17	CFS-30	92	98
820-19192-18	CFS-01	97	97
820-19192-19	CFS-02	94	99
820-19192-20	CFS-03	95	97
820-19192-21	CFS-04	106	98
820-19192-21 MS	CFS-04	94	93
820-19192-21 MSD	CFS-04	91	91
820-19192-22	CFS-05	104	101
820-19192-23	CFS-06	102	100
820-19192-24	CFS-07	105	101
820-19192-25	CFS-09	105	106
820-19192-26	CFS-10	114	128
820-19192-27	CFS-12	105	101
820-19192-28	CWS-01	106	103
820-19192-29	CWS-02	107	101
820-19192-30	CWS-03	104	96
820-19192-31	CWS-04	105	102
820-19192-32	CWS-05	109	103
820-19192-33	CWS-06	106	96
820-19192-34	CWS-07	105	97
820-19192-35	CWS-08	105	101
820-19192-36	CWS-09	107	101
820-19192-37	CWS-10	108	99
820-19192-38	CWS-11	116	101
820-19192-39	CWS-12	108	100
820-19192-40	CWS-13	107	102
820-19192-41	CWS-14	93	101
820-19192-41 MS	CWS-14	97	97
820-19192-41 MSD	CWS-14	102	96
820-19192-42	CWS-15	115	108
820-19192-43	CWS-16	117	107

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Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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)
820-19192-44	CWS-17	117	106
820-19192-45	CWS-18	108	105
820-19192-46	CWS-19	108	111
820-19192-47	CWS-20	118	109
820-19192-48	CWS-21	111	101
820-19192-49	CWS-22	132 X	109
820-19192-50	CWS-23	115	110
820-19192-51	CWS-24	95	100
820-19192-52	CWS-25	117	106
820-19192-53	CWS-26	130	116
820-19192-54	CWS-27	121	109
820-19192-55	CWS-28	118	105
LCS 880-111445/1-A	Lab Control Sample	95	96
LCS 880-111446/1-A	Lab Control Sample	98	97
LCS 880-111469/1-A	Lab Control Sample	97	102
LCSD 880-111445/2-A	Lab Control Sample Dup	90	92
LCSD 880-111446/2-A	Lab Control Sample Dup	99	103
LCSD 880-111469/2-A	Lab Control Sample Dup	99	98
MB 880-111298/5-A	Method Blank	94	99
MB 880-111445/5-A	Method Blank	95	98
MB 880-111446/5-A	Method Blank	154 X	100
MB 880-111469/5-A	Method Blank	100	81
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)
820-19192-1	CFS-20	143 X	133 X
820-19192-1 MS	CFS-20	152 X	137 X
820-19192-1 MSD	CFS-20	155 X	136 X
820-19192-2	CFS-21	140 X	131 X
820-19192-3	CFS-22	144 X	134 X
820-19192-4	CFS-23	139 X	128
820-19192-5	CFS-24	129	122
820-19192-6	CFS-31	143 X	134 X
820-19192-7	CFS-34	136 X	127
820-19192-8	CFS-35	137 X	128
820-19192-9	CFS-42	139 X	130
820-19192-10	CFS-43	135 X	124
820-19192-11	CFS-44	135 X	126
820-19192-12	CFS-47	143 X	136 X
820-19192-13	CFS-48	145 X	138 X
820-19192-14	CFS-49	138 X	128
820-19192-15	CFS-51	143 X	135 X
820-19192-16	CFS-52	74	70

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Surrogate Summary

Client: Terracon Consulting Eng & Scientists

Job ID: 820-19192-1

Project/Site: Longview Fed 1-21H

SDG: Eddy County

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)				
820-19192-17	CFS-30	137 X	128				
820-19192-18	CFS-01	146 X	137 X				
820-19192-19	CFS-02	140 X	133 X				
820-19192-20	CFS-03	146 X	137 X				
820-19192-21	CFS-04	147 X	139 X				
820-19192-21 MS	CFS-04	154 X	134 X				
820-19192-21 MSD	CFS-04	157 X	136 X				
820-19192-22	CFS-05	142 X	132 X				
820-19192-23	CFS-06	76	72				
820-19192-24	CFS-07	76	72				
820-19192-25	CFS-09	76	79				
820-19192-26	CFS-10	77	72				
820-19192-27	CFS-12	147 X	136 X				
820-19192-28	CWS-01	141 X	130				
820-19192-29	CWS-02	144 X	133 X				
820-19192-30	CWS-03	139 X	144 X				
820-19192-31	CWS-04	139 X	128				
820-19192-32	CWS-05	142 X	132 X				
820-19192-33	CWS-06	146 X	138 X				
820-19192-34	CWS-07	141 X	129				
820-19192-35	CWS-08	127	119				
820-19192-36	CWS-09	142 X	131 X				
820-19192-37	CWS-10	138 X	126				
820-19192-38	CWS-11	145 X	138 X				
820-19192-39	CWS-12	141 X	130				
820-19192-40	CWS-13	140 X	128				
820-19192-41	CWS-14	89	86				
820-19192-42	CWS-15	99	97				
820-19192-43	CWS-16	107	109				
820-19192-43 MS	CWS-16	93	97				
820-19192-43 MSD	CWS-16	109	99				
820-19192-44	CWS-17	106	107				
820-19192-45	CWS-18	116	114				
820-19192-46	CWS-19	109	109				
820-19192-47	CWS-20	120	121				
820-19192-48	CWS-21	115	117				
820-19192-49	CWS-22	108	111				
820-19192-50	CWS-23	108	110				
820-19192-51	CWS-24	108	115				
820-19192-52	CWS-25	102	108				
820-19192-53	CWS-26	108	113				
820-19192-54	CWS-27	104	105				
820-19192-55	CWS-28	108	108				
LCS 880-111384/2-A	Lab Control Sample	127	112				
LCS 880-111442/2-A	Lab Control Sample	138 X	127				
LCS 880-111443/2-A	Lab Control Sample	140 X	129				
LCS 880-111444/2-A	Lab Control Sample	106	98				
LCSD 880-111384/3-A	Lab Control Sample Dup	104	112				
LCSD 880-111442/3-A	Lab Control Sample Dup	76	70				
LCSD 880-111443/3-A	Lab Control Sample Dup	147 X	130				

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Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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 880-111444/3-A	Lab Control Sample Dup	109	100
MB 880-111384/1-A	Method Blank	77	77
MB 880-111442/1-A	Method Blank	108	102
MB 880-111443/1-A	Method Blank	119	114
MB 880-111444/1-A	Method Blank	93	98

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-111298/5-A
Matrix: Solid
Analysis Batch: 111355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/02/25 10:03	06/03/25 11:11	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/02/25 10:03	06/03/25 11:11	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/02/25 10:03	06/03/25 11:11	1
m,p-Xylenes	<0.00229	U	0.00400	0.00229	mg/Kg		06/02/25 10:03	06/03/25 11:11	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/02/25 10:03	06/03/25 11:11	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		06/02/25 10:03	06/03/25 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/02/25 10:03	06/03/25 11:11	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/02/25 10:03	06/03/25 11:11	1

Lab Sample ID: MB 880-111445/5-A
Matrix: Solid
Analysis Batch: 111355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/03/25 16:19	06/03/25 21:45	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/03/25 16:19	06/03/25 21:45	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/03/25 16:19	06/03/25 21:45	1
m,p-Xylenes	<0.00229	U	0.00400	0.00229	mg/Kg		06/03/25 16:19	06/03/25 21:45	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/03/25 16:19	06/03/25 21:45	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		06/03/25 16:19	06/03/25 21:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	06/03/25 16:19	06/03/25 21:45	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/03/25 16:19	06/03/25 21:45	1

Lab Sample ID: LCS 880-111445/1-A
Matrix: Solid
Analysis Batch: 111355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1092		mg/Kg		109	70 - 130
Toluene	0.100	0.1031		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1059		mg/Kg		106	70 - 130
m,p-Xylenes	0.200	0.2116		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1061		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-111445/2-A
Matrix: Solid
Analysis Batch: 111355

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111445

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1070		mg/Kg		107	70 - 130	2	35

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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

Lab Sample ID: LCSD 880-111445/2-A

Matrix: Solid

Analysis Batch: 111355

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 111445

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1004		mg/Kg		100	70 - 130	3	35
Ethylbenzene	0.100	0.1022		mg/Kg		102	70 - 130	4	35
m,p-Xylenes	0.200	0.2041		mg/Kg		102	70 - 130	4	35
o-Xylene	0.100	0.1021		mg/Kg		102	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 820-19192-21 MS

Matrix: Solid

Analysis Batch: 111355

Client Sample ID: CFS-04

Prep Type: Total/NA

Prep Batch: 111445

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00139	U	0.0996	0.09119		mg/Kg		92	70 - 130
Toluene	<0.00199	U	0.0996	0.07972		mg/Kg		80	70 - 130
Ethylbenzene	<0.00108	U	0.0996	0.08244		mg/Kg		83	70 - 130
m,p-Xylenes	<0.00228	U	0.199	0.1654		mg/Kg		83	70 - 130
o-Xylene	<0.00158	U	0.0996	0.08219		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 820-19192-21 MSD

Matrix: Solid

Analysis Batch: 111355

Client Sample ID: CFS-04

Prep Type: Total/NA

Prep Batch: 111445

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00139	U	0.100	0.09238		mg/Kg		92	70 - 130	1	35
Toluene	<0.00199	U	0.100	0.08363		mg/Kg		83	70 - 130	5	35
Ethylbenzene	<0.00108	U	0.100	0.08509		mg/Kg		85	70 - 130	3	35
m,p-Xylenes	<0.00228	U	0.201	0.1700		mg/Kg		85	70 - 130	3	35
o-Xylene	<0.00158	U	0.100	0.08494		mg/Kg		85	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: MB 880-111446/5-A

Matrix: Solid

Analysis Batch: 111360

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 111446

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/03/25 16:24	06/03/25 18:02	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/03/25 16:24	06/03/25 18:02	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/03/25 16:24	06/03/25 18:02	1
m,p-Xylenes	<0.00229	U	0.00400	0.00229	mg/Kg		06/03/25 16:24	06/03/25 18:02	1

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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

Lab Sample ID: MB 880-111446/5-A

Matrix: Solid

Analysis Batch: 111360

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 111446

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/03/25 16:24	06/03/25 18:02	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		06/03/25 16:24	06/03/25 18:02	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	X	70 - 130				06/03/25 16:24	06/03/25 18:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/03/25 16:24	06/03/25 18:02	1

Lab Sample ID: LCS 880-111446/1-A

Matrix: Solid

Analysis Batch: 111360

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 111446

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09639		mg/Kg		96	70 - 130
Toluene	0.100	0.09256		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.08515		mg/Kg		85	70 - 130
m,p-Xylenes	0.200	0.1607		mg/Kg		80	70 - 130
o-Xylene	0.100	0.1043		mg/Kg		104	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	98		70 - 130				
1,4-Difluorobenzene (Surr)	97		70 - 130				

Lab Sample ID: LCSD 880-111446/2-A

Matrix: Solid

Analysis Batch: 111360

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 111446

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	14	35
Toluene	0.100	0.1030		mg/Kg		103	70 - 130	11	35
Ethylbenzene	0.100	0.1241	*	mg/Kg		124	70 - 130	37	35
m,p-Xylenes	0.200	0.2354	*	mg/Kg		118	70 - 130	38	35
o-Xylene	0.100	0.1292		mg/Kg		129	70 - 130	21	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: 820-19192-41 MS

Matrix: Solid

Analysis Batch: 111360

Client Sample ID: CWS-14

Prep Type: Total/NA

Prep Batch: 111446

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00139	U	0.100	0.08297		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.100	0.09073		mg/Kg		91	70 - 130
Ethylbenzene	<0.00109	U *	0.100	0.08737		mg/Kg		87	70 - 130
m,p-Xylenes	<0.00228	U *	0.200	0.1778		mg/Kg		89	70 - 130
o-Xylene	<0.00158	U	0.100	0.09873		mg/Kg		99	70 - 130

Eurofins Lubbock

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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

Lab Sample ID: 820-19192-41 MS

Matrix: Solid

Analysis Batch: 111360

Client Sample ID: CWS-14

Prep Type: Total/NA

Prep Batch: 111446

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 820-19192-41 MSD

Matrix: Solid

Analysis Batch: 111360

Client Sample ID: CWS-14

Prep Type: Total/NA

Prep Batch: 111446

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00139	U	0.100	0.09428		mg/Kg		94	70 - 130	13	35
Toluene	<0.00200	U	0.100	0.08730		mg/Kg		87	70 - 130	4	35
Ethylbenzene	<0.00109	U *	0.100	0.09113		mg/Kg		91	70 - 130	4	35
m,p-Xylenes	<0.00228	U *	0.200	0.1916		mg/Kg		96	70 - 130	7	35
o-Xylene	<0.00158	U	0.100	0.1088		mg/Kg		109	70 - 130	10	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-111469/5-A

Matrix: Solid

Analysis Batch: 111457

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 111469

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/04/25 09:27	06/04/25 11:33	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/04/25 09:27	06/04/25 11:33	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/04/25 09:27	06/04/25 11:33	1
m,p-Xylenes	<0.00229	U	0.00400	0.00229	mg/Kg		06/04/25 09:27	06/04/25 11:33	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/04/25 09:27	06/04/25 11:33	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		06/04/25 09:27	06/04/25 11:33	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	100		70 - 130	06/04/25 09:27	06/04/25 11:33	1			
1,4-Difluorobenzene (Surr)	81		70 - 130	06/04/25 09:27	06/04/25 11:33	1			

Lab Sample ID: LCS 880-111469/1-A

Matrix: Solid

Analysis Batch: 111457

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 111469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1104		mg/Kg		110	70 - 130
Toluene	0.100	0.09622		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1014		mg/Kg		101	70 - 130
m,p-Xylenes	0.200	0.2119		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1050		mg/Kg		105	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130

Eurofins Lubbock

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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

Lab Sample ID: LCS 880-111469/1-A

Matrix: Solid

Analysis Batch: 111457

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 111469

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-111469/2-A

Matrix: Solid

Analysis Batch: 111457

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 111469

			Spike	LCS	LCS				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.1033		mg/Kg		103	70 - 130	7	35
Toluene			0.100	0.09352		mg/Kg		94	70 - 130	3	35
Ethylbenzene			0.100	0.1001		mg/Kg		100	70 - 130	1	35
m,p-Xylenes			0.200	0.2099		mg/Kg		105	70 - 130	1	35
o-Xylene			0.100	0.1041		mg/Kg		104	70 - 130	1	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 820-19192-1 MS

Matrix: Solid

Analysis Batch: 111457

Client Sample ID: CFS-20

Prep Type: Total/NA

Prep Batch: 111469

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	<0.00139	U	0.0992	0.09578		mg/Kg		97	70 - 130		
Toluene	<0.00199	U	0.0992	0.08560		mg/Kg		86	70 - 130		
Ethylbenzene	<0.00108	U	0.0992	0.08754		mg/Kg		88	70 - 130		
m,p-Xylenes	<0.00228	U	0.198	0.1806		mg/Kg		91	70 - 130		
o-Xylene	<0.00158	U	0.0992	0.08802		mg/Kg		89	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 820-19192-1 MSD

Matrix: Solid

Analysis Batch: 111457

Client Sample ID: CFS-20

Prep Type: Total/NA

Prep Batch: 111469

	Sample	Sample	Spike	MSD	MSD						
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	RPD
Benzene	<0.00139	U	0.100	0.09120		mg/Kg		91	70 - 130	5	35
Toluene	<0.00199	U	0.100	0.07954		mg/Kg		79	70 - 130	7	35
Ethylbenzene	<0.00108	U	0.100	0.07949		mg/Kg		79	70 - 130	10	35
m,p-Xylenes	<0.00228	U	0.200	0.1641		mg/Kg		82	70 - 130	10	35
o-Xylene	<0.00158	U	0.100	0.08032		mg/Kg		80	70 - 130	9	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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

Lab Sample ID: MB 880-111384/1-A

Matrix: Solid

Analysis Batch: 111420

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 111384

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		06/03/25 10:55	06/04/25 00:12	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 10:55	06/04/25 00:12	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 10:55	06/04/25 00:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				06/03/25 10:55	06/04/25 00:12	1
o-Terphenyl (Surr)	77		70 - 130				06/03/25 10:55	06/04/25 00:12	1

Lab Sample ID: LCS 880-111384/2-A

Matrix: Solid

Analysis Batch: 111420

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 111384

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	958.5		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1050		mg/Kg		105	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	127		70 - 130				
o-Terphenyl (Surr)	112		70 - 130				

Lab Sample ID: LCSD 880-111384/3-A

Matrix: Solid

Analysis Batch: 111420

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 111384

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	943.9		mg/Kg		94	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1061		mg/Kg		106	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	104		70 - 130						
o-Terphenyl (Surr)	112		70 - 130						

Lab Sample ID: MB 880-111442/1-A

Matrix: Solid

Analysis Batch: 111410

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 111442

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		06/03/25 16:00	06/03/25 22:04	1
Diesel Range Organics (Over C10-C28)	19.18	J	50.0	15.1	mg/Kg		06/03/25 16:00	06/03/25 22:04	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:00	06/03/25 22:04	1

Eurofins Lubbock

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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

Lab Sample ID: MB 880-111442/1-A

Matrix: Solid

Analysis Batch: 111410

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 111442

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	06/03/25 16:00	06/03/25 22:04	1
o-Terphenyl (Surr)	102		70 - 130	06/03/25 16:00	06/03/25 22:04	1

Lab Sample ID: LCS 880-111442/2-A

Matrix: Solid

Analysis Batch: 111410

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 111442

		Spike	LCS	LCS					%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1080		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1019		mg/Kg		102	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	138	X	70 - 130
o-Terphenyl (Surr)	127		70 - 130

Lab Sample ID: LCSD 880-111442/3-A

Matrix: Solid

Analysis Batch: 111410

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 111442

		Spike	LCSD	LCSD					%Rec		RPD
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10		1000	1220		mg/Kg		122	70 - 130	12	20	
Diesel Range Organics (Over C10-C28)		1000	1137		mg/Kg		114	70 - 130	11	20	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	76		70 - 130
o-Terphenyl (Surr)	70		70 - 130

Lab Sample ID: 820-19192-1 MS

Matrix: Solid

Analysis Batch: 111410

Client Sample ID: CFS-20

Prep Type: Total/NA

Prep Batch: 111442

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<14.4	U	998	1138		mg/Kg		114	70 - 130	
Diesel Range Organics (Over C10-C28)	16.6	J b	998	1230		mg/Kg		122	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	152	X	70 - 130
o-Terphenyl (Surr)	137	X	70 - 130

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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

Lab Sample ID: 820-19192-1 MSD

Matrix: Solid

Analysis Batch: 111410

Client Sample ID: CFS-20

Prep Type: Total/NA

Prep Batch: 111442

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	<14.4	U	998	1168		mg/Kg		117	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	16.6	J b	998	1262		mg/Kg		125	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	155	X	70 - 130								
o-Terphenyl (Surr)	136	X	70 - 130								

Lab Sample ID: MB 880-111443/1-A

Matrix: Solid

Analysis Batch: 111467

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 111443

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		06/03/25 16:01	06/04/25 05:22	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:01	06/04/25 05:22	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:01	06/04/25 05:22	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				06/03/25 16:01	06/04/25 05:22	1
o-Terphenyl (Surr)	114		70 - 130				06/03/25 16:01	06/04/25 05:22	1

Lab Sample ID: LCS 880-111443/2-A

Matrix: Solid

Analysis Batch: 111467

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 111443

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1049		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1061		mg/Kg		106	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane (Surr)	140	X	70 - 130						
o-Terphenyl (Surr)	129		70 - 130						

Lab Sample ID: LCSD 880-111443/3-A

Matrix: Solid

Analysis Batch: 111467

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 111443

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1020		mg/Kg		102	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1089		mg/Kg		109	70 - 130	3	20

Eurofins Lubbock

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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

Lab Sample ID: LCSD 880-111443/3-A

Matrix: Solid

Analysis Batch: 111467

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 111443

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	147	X	70 - 130
o-Terphenyl (Surr)	130		70 - 130

Lab Sample ID: 820-19192-21 MS

Matrix: Solid

Analysis Batch: 111467

Client Sample ID: CFS-04

Prep Type: Total/NA

Prep Batch: 111443

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	994	932.7		mg/Kg		94	70 - 130	
Diesel Range Organics (Over C10-C28)	37.0	J	994	966.4		mg/Kg		93	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	154	X	70 - 130
o-Terphenyl (Surr)	134	X	70 - 130

Lab Sample ID: 820-19192-21 MSD

Matrix: Solid

Analysis Batch: 111467

Client Sample ID: CFS-04

Prep Type: Total/NA

Prep Batch: 111443

	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	<14.5	U	994	954.5		mg/Kg		96	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	37.0	J	994	972.6		mg/Kg		94	70 - 130	1	20	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	157	X	70 - 130
o-Terphenyl (Surr)	136	X	70 - 130

Lab Sample ID: MB 880-111444/1-A

Matrix: Solid

Analysis Batch: 111505

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 111444

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	19.62	J	50.0	14.5	mg/Kg		06/03/25 16:01	06/04/25 07:39	1	
Diesel Range Organics (Over C10-C28)	24.19	J	50.0	15.1	mg/Kg		06/03/25 16:01	06/04/25 07:39	1	
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/03/25 16:01	06/04/25 07:39	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
1-Chlorooctane (Surr)	93		70 - 130	06/03/25 16:01	06/04/25 07:39	1				
o-Terphenyl (Surr)	98		70 - 130	06/03/25 16:01	06/04/25 07:39	1				

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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

Lab Sample ID: LCS 880-111444/2-A

Matrix: Solid

Analysis Batch: 111505

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 111444

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	872.0		mg/Kg		87		70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1011		mg/Kg		101		70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits							
1-Chlorooctane (Surr)	106		70 - 130							
o-Terphenyl (Surr)	98		70 - 130							

Lab Sample ID: LCSD 880-111444/3-A

Matrix: Solid

Analysis Batch: 111505

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 111444

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	934.0		mg/Kg		93	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	1021		mg/Kg		102	70 - 130	1	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	109		70 - 130								
o-Terphenyl (Surr)	100		70 - 130								

Lab Sample ID: 820-19192-43 MS

Matrix: Solid

Analysis Batch: 111505

Client Sample ID: CWS-16

Prep Type: Total/NA

Prep Batch: 111444

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	1000	684.6	N1	mg/Kg		68	70 - 130		
Diesel Range Organics (Over C10-C28)	39.8	J b	1000	807.6		mg/Kg		77	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane (Surr)	93		70 - 130								
o-Terphenyl (Surr)	97		70 - 130								

Lab Sample ID: 820-19192-43 MSD

Matrix: Solid

Analysis Batch: 111505

Client Sample ID: CWS-16

Prep Type: Total/NA

Prep Batch: 111444

	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	<14.5	U	1000	700.3		mg/Kg		70	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	39.8	J b	1000	777.6		mg/Kg		74	70 - 130	4	20

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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

Lab Sample ID: 820-19192-43 MSD
Matrix: Solid
Analysis Batch: 111505

Client Sample ID: CWS-16
Prep Type: Total/NA
Prep Batch: 111444

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	99		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-111423/1-A
Matrix: Solid
Analysis Batch: 111452

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.395	U	10.0	0.395	mg/Kg			06/04/25 12:33	1

Lab Sample ID: LCS 880-111423/2-A
Matrix: Solid
Analysis Batch: 111452

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike	LCS	LCS	%Rec					
	Added	Result	Qualifier	Limits	Unit	D	%Rec		
Chloride	250	266.7		90 - 110	mg/Kg		107		

Lab Sample ID: LCSD 880-111423/3-A
Matrix: Solid
Analysis Batch: 111452

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike	LCSD	LCSD	%Rec	RPD				
	Added	Result	Qualifier	Limits	RPD	Unit	D	%Rec	Limit
Chloride	250	270.2		90 - 110	1	mg/Kg		108	20

Lab Sample ID: 820-19192-1 MS
Matrix: Solid
Analysis Batch: 111452

Client Sample ID: CFS-20
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS	%Rec			
	Result	Qualifier	Added	Result	Qualifier	Limits	Unit	D	%Rec
Chloride	213		250	467.2		90 - 110	mg/Kg		102

Lab Sample ID: 820-19192-1 MSD
Matrix: Solid
Analysis Batch: 111452

Client Sample ID: CFS-20
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD	%Rec	RPD		
	Result	Qualifier	Added	Result	Qualifier	Limits	RPD	Unit	Limit
Chloride	213		250	448.7		90 - 110	4	mg/Kg	20

Lab Sample ID: 820-19192-11 MS
Matrix: Solid
Analysis Batch: 111452

Client Sample ID: CFS-44
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS	%Rec			
	Result	Qualifier	Added	Result	Qualifier	Limits	Unit	D	%Rec
Chloride	235		248	539.8	N1	90 - 110	mg/Kg		123

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 820-19192-11 MSD

Matrix: Solid

Analysis Batch: 111452

Client Sample ID: CFS-44

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	235		248	544.8	N1	mg/Kg		125	90 - 110	1	20

Lab Sample ID: MB 880-111425/1-A

Matrix: Solid

Analysis Batch: 111466

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			06/04/25 12:48	1

Lab Sample ID: LCS 880-111425/2-A

Matrix: Solid

Analysis Batch: 111466

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.3		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-111425/3-A

Matrix: Solid

Analysis Batch: 111466

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	245.4		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 820-19192-21 MS

Matrix: Solid

Analysis Batch: 111466

Client Sample ID: CFS-04

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1930		1260	3569	N1	mg/Kg		130	90 - 110

Lab Sample ID: 820-19192-21 MSD

Matrix: Solid

Analysis Batch: 111466

Client Sample ID: CFS-04

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1930		1260	3563	N1	mg/Kg		129	90 - 110	0	20

Lab Sample ID: 820-19192-31 MS

Matrix: Solid

Analysis Batch: 111466

Client Sample ID: CWS-04

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	592		250	831.6		mg/Kg		96	90 - 110

Lab Sample ID: 820-19192-31 MSD

Matrix: Solid

Analysis Batch: 111466

Client Sample ID: CWS-04

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	592		250	831.9		mg/Kg		96	90 - 110	0	20

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-111429/1-A

Matrix: Solid

Analysis Batch: 111481

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			06/04/25 16:55	1

Lab Sample ID: LCS 880-111429/2-A

Matrix: Solid

Analysis Batch: 111481

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	274.7		mg/Kg		110	90 - 110

Lab Sample ID: LCSD 880-111429/3-A

Matrix: Solid

Analysis Batch: 111481

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	273.8		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 820-19192-41 MS

Matrix: Solid

Analysis Batch: 111481

Client Sample ID: CWS-14

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	251		249	550.4	N1	mg/Kg		120	90 - 110

Lab Sample ID: 820-19192-41 MSD

Matrix: Solid

Analysis Batch: 111481

Client Sample ID: CWS-14

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	251		249	559.6	N1	mg/Kg		124	90 - 110	2	20

Lab Sample ID: 820-19192-51 MS

Matrix: Solid

Analysis Batch: 111481

Client Sample ID: CWS-24

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	258		253	506.2		mg/Kg		98	90 - 110

Lab Sample ID: 820-19192-51 MSD

Matrix: Solid

Analysis Batch: 111481

Client Sample ID: CWS-24

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	258		253	546.4	N1	mg/Kg		114	90 - 110	8	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

GC VOA

Prep Batch: 111298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-111298/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 111355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-21	CFS-04	Total/NA	Solid	8021B	111445
820-19192-22	CFS-05	Total/NA	Solid	8021B	111445
820-19192-23	CFS-06	Total/NA	Solid	8021B	111445
820-19192-24	CFS-07	Total/NA	Solid	8021B	111445
820-19192-25	CFS-09	Total/NA	Solid	8021B	111445
820-19192-26	CFS-10	Total/NA	Solid	8021B	111445
820-19192-27	CFS-12	Total/NA	Solid	8021B	111445
820-19192-28	CWS-01	Total/NA	Solid	8021B	111445
820-19192-29	CWS-02	Total/NA	Solid	8021B	111445
820-19192-30	CWS-03	Total/NA	Solid	8021B	111445
820-19192-31	CWS-04	Total/NA	Solid	8021B	111445
820-19192-32	CWS-05	Total/NA	Solid	8021B	111445
820-19192-33	CWS-06	Total/NA	Solid	8021B	111445
820-19192-34	CWS-07	Total/NA	Solid	8021B	111445
820-19192-35	CWS-08	Total/NA	Solid	8021B	111445
820-19192-36	CWS-09	Total/NA	Solid	8021B	111445
820-19192-37	CWS-10	Total/NA	Solid	8021B	111445
820-19192-38	CWS-11	Total/NA	Solid	8021B	111445
820-19192-39	CWS-12	Total/NA	Solid	8021B	111445
820-19192-40	CWS-13	Total/NA	Solid	8021B	111445
MB 880-111298/5-A	Method Blank	Total/NA	Solid	8021B	111298
MB 880-111445/5-A	Method Blank	Total/NA	Solid	8021B	111445
LCS 880-111445/1-A	Lab Control Sample	Total/NA	Solid	8021B	111445
LCSD 880-111445/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	111445
820-19192-21 MS	CFS-04	Total/NA	Solid	8021B	111445
820-19192-21 MSD	CFS-04	Total/NA	Solid	8021B	111445

Analysis Batch: 111360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-41	CWS-14	Total/NA	Solid	8021B	111446
820-19192-42	CWS-15	Total/NA	Solid	8021B	111446
820-19192-43	CWS-16	Total/NA	Solid	8021B	111446
820-19192-44	CWS-17	Total/NA	Solid	8021B	111446
820-19192-45	CWS-18	Total/NA	Solid	8021B	111446
820-19192-46	CWS-19	Total/NA	Solid	8021B	111446
820-19192-47	CWS-20	Total/NA	Solid	8021B	111446
820-19192-48	CWS-21	Total/NA	Solid	8021B	111446
820-19192-49	CWS-22	Total/NA	Solid	8021B	111446
820-19192-50	CWS-23	Total/NA	Solid	8021B	111446
820-19192-51	CWS-24	Total/NA	Solid	8021B	111446
820-19192-52	CWS-25	Total/NA	Solid	8021B	111446
820-19192-53	CWS-26	Total/NA	Solid	8021B	111446
820-19192-54	CWS-27	Total/NA	Solid	8021B	111446
820-19192-55	CWS-28	Total/NA	Solid	8021B	111446
MB 880-111446/5-A	Method Blank	Total/NA	Solid	8021B	111446
LCS 880-111446/1-A	Lab Control Sample	Total/NA	Solid	8021B	111446
LCSD 880-111446/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	111446

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QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

GC VOA (Continued)

Analysis Batch: 111360 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-41 MS	CWS-14	Total/NA	Solid	8021B	111446
820-19192-41 MSD	CWS-14	Total/NA	Solid	8021B	111446

Prep Batch: 111445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-21	CFS-04	Total/NA	Solid	5035	
820-19192-22	CFS-05	Total/NA	Solid	5035	
820-19192-23	CFS-06	Total/NA	Solid	5035	
820-19192-24	CFS-07	Total/NA	Solid	5035	
820-19192-25	CFS-09	Total/NA	Solid	5035	
820-19192-26	CFS-10	Total/NA	Solid	5035	
820-19192-27	CFS-12	Total/NA	Solid	5035	
820-19192-28	CWS-01	Total/NA	Solid	5035	
820-19192-29	CWS-02	Total/NA	Solid	5035	
820-19192-30	CWS-03	Total/NA	Solid	5035	
820-19192-31	CWS-04	Total/NA	Solid	5035	
820-19192-32	CWS-05	Total/NA	Solid	5035	
820-19192-33	CWS-06	Total/NA	Solid	5035	
820-19192-34	CWS-07	Total/NA	Solid	5035	
820-19192-35	CWS-08	Total/NA	Solid	5035	
820-19192-36	CWS-09	Total/NA	Solid	5035	
820-19192-37	CWS-10	Total/NA	Solid	5035	
820-19192-38	CWS-11	Total/NA	Solid	5035	
820-19192-39	CWS-12	Total/NA	Solid	5035	
820-19192-40	CWS-13	Total/NA	Solid	5035	
MB 880-111445/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-111445/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-111445/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
820-19192-21 MS	CFS-04	Total/NA	Solid	5035	
820-19192-21 MSD	CFS-04	Total/NA	Solid	5035	

Prep Batch: 111446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-41	CWS-14	Total/NA	Solid	5035	
820-19192-42	CWS-15	Total/NA	Solid	5035	
820-19192-43	CWS-16	Total/NA	Solid	5035	
820-19192-44	CWS-17	Total/NA	Solid	5035	
820-19192-45	CWS-18	Total/NA	Solid	5035	
820-19192-46	CWS-19	Total/NA	Solid	5035	
820-19192-47	CWS-20	Total/NA	Solid	5035	
820-19192-48	CWS-21	Total/NA	Solid	5035	
820-19192-49	CWS-22	Total/NA	Solid	5035	
820-19192-50	CWS-23	Total/NA	Solid	5035	
820-19192-51	CWS-24	Total/NA	Solid	5035	
820-19192-52	CWS-25	Total/NA	Solid	5035	
820-19192-53	CWS-26	Total/NA	Solid	5035	
820-19192-54	CWS-27	Total/NA	Solid	5035	
820-19192-55	CWS-28	Total/NA	Solid	5035	
MB 880-111446/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-111446/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-111446/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

GC VOA (Continued)

Prep Batch: 111446 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-41 MS	CWS-14	Total/NA	Solid	5035	
820-19192-41 MSD	CWS-14	Total/NA	Solid	5035	

Analysis Batch: 111457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-1	CFS-20	Total/NA	Solid	8021B	111469
820-19192-2	CFS-21	Total/NA	Solid	8021B	111469
820-19192-3	CFS-22	Total/NA	Solid	8021B	111469
820-19192-4	CFS-23	Total/NA	Solid	8021B	111469
820-19192-5	CFS-24	Total/NA	Solid	8021B	111469
820-19192-6	CFS-31	Total/NA	Solid	8021B	111469
820-19192-7	CFS-34	Total/NA	Solid	8021B	111469
820-19192-8	CFS-35	Total/NA	Solid	8021B	111469
820-19192-9	CFS-42	Total/NA	Solid	8021B	111469
820-19192-10	CFS-43	Total/NA	Solid	8021B	111469
820-19192-11	CFS-44	Total/NA	Solid	8021B	111469
820-19192-12	CFS-47	Total/NA	Solid	8021B	111469
820-19192-13	CFS-48	Total/NA	Solid	8021B	111469
820-19192-14	CFS-49	Total/NA	Solid	8021B	111469
820-19192-15	CFS-51	Total/NA	Solid	8021B	111469
820-19192-16	CFS-52	Total/NA	Solid	8021B	111469
820-19192-17	CFS-30	Total/NA	Solid	8021B	111469
820-19192-18	CFS-01	Total/NA	Solid	8021B	111469
820-19192-19	CFS-02	Total/NA	Solid	8021B	111469
820-19192-20	CFS-03	Total/NA	Solid	8021B	111469
MB 880-111469/5-A	Method Blank	Total/NA	Solid	8021B	111469
LCS 880-111469/1-A	Lab Control Sample	Total/NA	Solid	8021B	111469
LCSD 880-111469/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	111469
820-19192-1 MS	CFS-20	Total/NA	Solid	8021B	111469
820-19192-1 MSD	CFS-20	Total/NA	Solid	8021B	111469

Prep Batch: 111469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-1	CFS-20	Total/NA	Solid	5035	
820-19192-2	CFS-21	Total/NA	Solid	5035	
820-19192-3	CFS-22	Total/NA	Solid	5035	
820-19192-4	CFS-23	Total/NA	Solid	5035	
820-19192-5	CFS-24	Total/NA	Solid	5035	
820-19192-6	CFS-31	Total/NA	Solid	5035	
820-19192-7	CFS-34	Total/NA	Solid	5035	
820-19192-8	CFS-35	Total/NA	Solid	5035	
820-19192-9	CFS-42	Total/NA	Solid	5035	
820-19192-10	CFS-43	Total/NA	Solid	5035	
820-19192-11	CFS-44	Total/NA	Solid	5035	
820-19192-12	CFS-47	Total/NA	Solid	5035	
820-19192-13	CFS-48	Total/NA	Solid	5035	
820-19192-14	CFS-49	Total/NA	Solid	5035	
820-19192-15	CFS-51	Total/NA	Solid	5035	
820-19192-16	CFS-52	Total/NA	Solid	5035	
820-19192-17	CFS-30	Total/NA	Solid	5035	
820-19192-18	CFS-01	Total/NA	Solid	5035	

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QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

GC VOA (Continued)

Prep Batch: 111469 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-19	CFS-02	Total/NA	Solid	5035	
820-19192-20	CFS-03	Total/NA	Solid	5035	
MB 880-111469/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-111469/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-111469/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
820-19192-1 MS	CFS-20	Total/NA	Solid	5035	
820-19192-1 MSD	CFS-20	Total/NA	Solid	5035	

Analysis Batch: 111476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-1	CFS-20	Total/NA	Solid	Total BTEX	
820-19192-2	CFS-21	Total/NA	Solid	Total BTEX	
820-19192-3	CFS-22	Total/NA	Solid	Total BTEX	
820-19192-4	CFS-23	Total/NA	Solid	Total BTEX	
820-19192-5	CFS-24	Total/NA	Solid	Total BTEX	
820-19192-6	CFS-31	Total/NA	Solid	Total BTEX	
820-19192-7	CFS-34	Total/NA	Solid	Total BTEX	
820-19192-8	CFS-35	Total/NA	Solid	Total BTEX	
820-19192-9	CFS-42	Total/NA	Solid	Total BTEX	
820-19192-10	CFS-43	Total/NA	Solid	Total BTEX	
820-19192-11	CFS-44	Total/NA	Solid	Total BTEX	
820-19192-12	CFS-47	Total/NA	Solid	Total BTEX	
820-19192-13	CFS-48	Total/NA	Solid	Total BTEX	
820-19192-14	CFS-49	Total/NA	Solid	Total BTEX	
820-19192-15	CFS-51	Total/NA	Solid	Total BTEX	
820-19192-16	CFS-52	Total/NA	Solid	Total BTEX	
820-19192-17	CFS-30	Total/NA	Solid	Total BTEX	
820-19192-18	CFS-01	Total/NA	Solid	Total BTEX	
820-19192-19	CFS-02	Total/NA	Solid	Total BTEX	
820-19192-20	CFS-03	Total/NA	Solid	Total BTEX	
820-19192-21	CFS-04	Total/NA	Solid	Total BTEX	
820-19192-22	CFS-05	Total/NA	Solid	Total BTEX	
820-19192-23	CFS-06	Total/NA	Solid	Total BTEX	
820-19192-24	CFS-07	Total/NA	Solid	Total BTEX	
820-19192-25	CFS-09	Total/NA	Solid	Total BTEX	
820-19192-26	CFS-10	Total/NA	Solid	Total BTEX	
820-19192-27	CFS-12	Total/NA	Solid	Total BTEX	
820-19192-28	CWS-01	Total/NA	Solid	Total BTEX	
820-19192-29	CWS-02	Total/NA	Solid	Total BTEX	
820-19192-30	CWS-03	Total/NA	Solid	Total BTEX	
820-19192-31	CWS-04	Total/NA	Solid	Total BTEX	
820-19192-32	CWS-05	Total/NA	Solid	Total BTEX	
820-19192-33	CWS-06	Total/NA	Solid	Total BTEX	
820-19192-34	CWS-07	Total/NA	Solid	Total BTEX	
820-19192-35	CWS-08	Total/NA	Solid	Total BTEX	
820-19192-36	CWS-09	Total/NA	Solid	Total BTEX	
820-19192-37	CWS-10	Total/NA	Solid	Total BTEX	
820-19192-38	CWS-11	Total/NA	Solid	Total BTEX	
820-19192-39	CWS-12	Total/NA	Solid	Total BTEX	
820-19192-40	CWS-13	Total/NA	Solid	Total BTEX	
820-19192-41	CWS-14	Total/NA	Solid	Total BTEX	

Eurofins Lubbock

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

GC VOA (Continued)

Analysis Batch: 111476 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-42	CWS-15	Total/NA	Solid	Total BTEX	
820-19192-43	CWS-16	Total/NA	Solid	Total BTEX	
820-19192-44	CWS-17	Total/NA	Solid	Total BTEX	
820-19192-45	CWS-18	Total/NA	Solid	Total BTEX	
820-19192-46	CWS-19	Total/NA	Solid	Total BTEX	
820-19192-47	CWS-20	Total/NA	Solid	Total BTEX	
820-19192-48	CWS-21	Total/NA	Solid	Total BTEX	
820-19192-49	CWS-22	Total/NA	Solid	Total BTEX	
820-19192-50	CWS-23	Total/NA	Solid	Total BTEX	
820-19192-51	CWS-24	Total/NA	Solid	Total BTEX	
820-19192-52	CWS-25	Total/NA	Solid	Total BTEX	
820-19192-53	CWS-26	Total/NA	Solid	Total BTEX	
820-19192-54	CWS-27	Total/NA	Solid	Total BTEX	
820-19192-55	CWS-28	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 111384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-41	CWS-14	Total/NA	Solid	8015NM Prep	
820-19192-42	CWS-15	Total/NA	Solid	8015NM Prep	
MB 880-111384/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-111384/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-111384/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 111410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-1	CFS-20	Total/NA	Solid	8015B NM	111442
820-19192-2	CFS-21	Total/NA	Solid	8015B NM	111442
820-19192-3	CFS-22	Total/NA	Solid	8015B NM	111442
820-19192-4	CFS-23	Total/NA	Solid	8015B NM	111442
820-19192-5	CFS-24	Total/NA	Solid	8015B NM	111442
820-19192-6	CFS-31	Total/NA	Solid	8015B NM	111442
820-19192-7	CFS-34	Total/NA	Solid	8015B NM	111442
820-19192-8	CFS-35	Total/NA	Solid	8015B NM	111442
820-19192-9	CFS-42	Total/NA	Solid	8015B NM	111442
820-19192-10	CFS-43	Total/NA	Solid	8015B NM	111442
820-19192-11	CFS-44	Total/NA	Solid	8015B NM	111442
820-19192-12	CFS-47	Total/NA	Solid	8015B NM	111442
820-19192-13	CFS-48	Total/NA	Solid	8015B NM	111442
820-19192-14	CFS-49	Total/NA	Solid	8015B NM	111442
820-19192-15	CFS-51	Total/NA	Solid	8015B NM	111442
820-19192-16	CFS-52	Total/NA	Solid	8015B NM	111442
820-19192-17	CFS-30	Total/NA	Solid	8015B NM	111442
820-19192-18	CFS-01	Total/NA	Solid	8015B NM	111442
820-19192-19	CFS-02	Total/NA	Solid	8015B NM	111442
820-19192-20	CFS-03	Total/NA	Solid	8015B NM	111442
MB 880-111442/1-A	Method Blank	Total/NA	Solid	8015B NM	111442
LCS 880-111442/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	111442
LCSD 880-111442/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	111442
820-19192-1 MS	CFS-20	Total/NA	Solid	8015B NM	111442

Eurofins Lubbock

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

GC Semi VOA (Continued)

Analysis Batch: 111410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-1 MSD	CFS-20	Total/NA	Solid	8015B NM	111442

Analysis Batch: 111420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-41	CWS-14	Total/NA	Solid	8015B NM	111384
820-19192-42	CWS-15	Total/NA	Solid	8015B NM	111384
MB 880-111384/1-A	Method Blank	Total/NA	Solid	8015B NM	111384
LCS 880-111384/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	111384
LCSD 880-111384/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	111384

Prep Batch: 111442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-1	CFS-20	Total/NA	Solid	8015NM Prep	
820-19192-2	CFS-21	Total/NA	Solid	8015NM Prep	
820-19192-3	CFS-22	Total/NA	Solid	8015NM Prep	
820-19192-4	CFS-23	Total/NA	Solid	8015NM Prep	
820-19192-5	CFS-24	Total/NA	Solid	8015NM Prep	
820-19192-6	CFS-31	Total/NA	Solid	8015NM Prep	
820-19192-7	CFS-34	Total/NA	Solid	8015NM Prep	
820-19192-8	CFS-35	Total/NA	Solid	8015NM Prep	
820-19192-9	CFS-42	Total/NA	Solid	8015NM Prep	
820-19192-10	CFS-43	Total/NA	Solid	8015NM Prep	
820-19192-11	CFS-44	Total/NA	Solid	8015NM Prep	
820-19192-12	CFS-47	Total/NA	Solid	8015NM Prep	
820-19192-13	CFS-48	Total/NA	Solid	8015NM Prep	
820-19192-14	CFS-49	Total/NA	Solid	8015NM Prep	
820-19192-15	CFS-51	Total/NA	Solid	8015NM Prep	
820-19192-16	CFS-52	Total/NA	Solid	8015NM Prep	
820-19192-17	CFS-30	Total/NA	Solid	8015NM Prep	
820-19192-18	CFS-01	Total/NA	Solid	8015NM Prep	
820-19192-19	CFS-02	Total/NA	Solid	8015NM Prep	
820-19192-20	CFS-03	Total/NA	Solid	8015NM Prep	
MB 880-111442/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-111442/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-111442/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
820-19192-1 MS	CFS-20	Total/NA	Solid	8015NM Prep	
820-19192-1 MSD	CFS-20	Total/NA	Solid	8015NM Prep	

Prep Batch: 111443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-21	CFS-04	Total/NA	Solid	8015NM Prep	
820-19192-22	CFS-05	Total/NA	Solid	8015NM Prep	
820-19192-23	CFS-06	Total/NA	Solid	8015NM Prep	
820-19192-24	CFS-07	Total/NA	Solid	8015NM Prep	
820-19192-25	CFS-09	Total/NA	Solid	8015NM Prep	
820-19192-26	CFS-10	Total/NA	Solid	8015NM Prep	
820-19192-27	CFS-12	Total/NA	Solid	8015NM Prep	
820-19192-28	CWS-01	Total/NA	Solid	8015NM Prep	
820-19192-29	CWS-02	Total/NA	Solid	8015NM Prep	
820-19192-30	CWS-03	Total/NA	Solid	8015NM Prep	
820-19192-31	CWS-04	Total/NA	Solid	8015NM Prep	

Eurofins Lubbock

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

GC Semi VOA (Continued)

Prep Batch: 111443 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-32	CWS-05	Total/NA	Solid	8015NM Prep	
820-19192-33	CWS-06	Total/NA	Solid	8015NM Prep	
820-19192-34	CWS-07	Total/NA	Solid	8015NM Prep	
820-19192-35	CWS-08	Total/NA	Solid	8015NM Prep	
820-19192-36	CWS-09	Total/NA	Solid	8015NM Prep	
820-19192-37	CWS-10	Total/NA	Solid	8015NM Prep	
820-19192-38	CWS-11	Total/NA	Solid	8015NM Prep	
820-19192-39	CWS-12	Total/NA	Solid	8015NM Prep	
820-19192-40	CWS-13	Total/NA	Solid	8015NM Prep	
MB 880-111443/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-111443/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-111443/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
820-19192-21 MS	CFS-04	Total/NA	Solid	8015NM Prep	
820-19192-21 MSD	CFS-04	Total/NA	Solid	8015NM Prep	

Prep Batch: 111444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-43	CWS-16	Total/NA	Solid	8015NM Prep	
820-19192-44	CWS-17	Total/NA	Solid	8015NM Prep	
820-19192-45	CWS-18	Total/NA	Solid	8015NM Prep	
820-19192-46	CWS-19	Total/NA	Solid	8015NM Prep	
820-19192-47	CWS-20	Total/NA	Solid	8015NM Prep	
820-19192-48	CWS-21	Total/NA	Solid	8015NM Prep	
820-19192-49	CWS-22	Total/NA	Solid	8015NM Prep	
820-19192-50	CWS-23	Total/NA	Solid	8015NM Prep	
820-19192-51	CWS-24	Total/NA	Solid	8015NM Prep	
820-19192-52	CWS-25	Total/NA	Solid	8015NM Prep	
820-19192-53	CWS-26	Total/NA	Solid	8015NM Prep	
820-19192-54	CWS-27	Total/NA	Solid	8015NM Prep	
820-19192-55	CWS-28	Total/NA	Solid	8015NM Prep	
MB 880-111444/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-111444/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-111444/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
820-19192-43 MS	CWS-16	Total/NA	Solid	8015NM Prep	
820-19192-43 MSD	CWS-16	Total/NA	Solid	8015NM Prep	

Analysis Batch: 111467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-21	CFS-04	Total/NA	Solid	8015B NM	111443
820-19192-22	CFS-05	Total/NA	Solid	8015B NM	111443
820-19192-23	CFS-06	Total/NA	Solid	8015B NM	111443
820-19192-24	CFS-07	Total/NA	Solid	8015B NM	111443
820-19192-25	CFS-09	Total/NA	Solid	8015B NM	111443
820-19192-26	CFS-10	Total/NA	Solid	8015B NM	111443
820-19192-27	CFS-12	Total/NA	Solid	8015B NM	111443
820-19192-28	CWS-01	Total/NA	Solid	8015B NM	111443
820-19192-29	CWS-02	Total/NA	Solid	8015B NM	111443
820-19192-30	CWS-03	Total/NA	Solid	8015B NM	111443
820-19192-31	CWS-04	Total/NA	Solid	8015B NM	111443
820-19192-32	CWS-05	Total/NA	Solid	8015B NM	111443
820-19192-33	CWS-06	Total/NA	Solid	8015B NM	111443

Eurofins Lubbock

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

GC Semi VOA (Continued)

Analysis Batch: 111467 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-34	CWS-07	Total/NA	Solid	8015B NM	111443
820-19192-35	CWS-08	Total/NA	Solid	8015B NM	111443
820-19192-36	CWS-09	Total/NA	Solid	8015B NM	111443
820-19192-37	CWS-10	Total/NA	Solid	8015B NM	111443
820-19192-38	CWS-11	Total/NA	Solid	8015B NM	111443
820-19192-39	CWS-12	Total/NA	Solid	8015B NM	111443
820-19192-40	CWS-13	Total/NA	Solid	8015B NM	111443
MB 880-111443/1-A	Method Blank	Total/NA	Solid	8015B NM	111443
LCS 880-111443/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	111443
LCSD 880-111443/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	111443
820-19192-21 MS	CFS-04	Total/NA	Solid	8015B NM	111443
820-19192-21 MSD	CFS-04	Total/NA	Solid	8015B NM	111443

Analysis Batch: 111505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-43	CWS-16	Total/NA	Solid	8015B NM	111444
820-19192-44	CWS-17	Total/NA	Solid	8015B NM	111444
820-19192-45	CWS-18	Total/NA	Solid	8015B NM	111444
820-19192-46	CWS-19	Total/NA	Solid	8015B NM	111444
820-19192-47	CWS-20	Total/NA	Solid	8015B NM	111444
820-19192-48	CWS-21	Total/NA	Solid	8015B NM	111444
820-19192-49	CWS-22	Total/NA	Solid	8015B NM	111444
820-19192-50	CWS-23	Total/NA	Solid	8015B NM	111444
820-19192-51	CWS-24	Total/NA	Solid	8015B NM	111444
820-19192-52	CWS-25	Total/NA	Solid	8015B NM	111444
820-19192-53	CWS-26	Total/NA	Solid	8015B NM	111444
820-19192-54	CWS-27	Total/NA	Solid	8015B NM	111444
820-19192-55	CWS-28	Total/NA	Solid	8015B NM	111444
MB 880-111444/1-A	Method Blank	Total/NA	Solid	8015B NM	111444
LCS 880-111444/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	111444
LCSD 880-111444/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	111444
820-19192-43 MS	CWS-16	Total/NA	Solid	8015B NM	111444
820-19192-43 MSD	CWS-16	Total/NA	Solid	8015B NM	111444

Analysis Batch: 111526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-1	CFS-20	Total/NA	Solid	8015 NM	
820-19192-2	CFS-21	Total/NA	Solid	8015 NM	
820-19192-3	CFS-22	Total/NA	Solid	8015 NM	
820-19192-4	CFS-23	Total/NA	Solid	8015 NM	
820-19192-5	CFS-24	Total/NA	Solid	8015 NM	
820-19192-6	CFS-31	Total/NA	Solid	8015 NM	
820-19192-7	CFS-34	Total/NA	Solid	8015 NM	
820-19192-8	CFS-35	Total/NA	Solid	8015 NM	
820-19192-9	CFS-42	Total/NA	Solid	8015 NM	
820-19192-10	CFS-43	Total/NA	Solid	8015 NM	
820-19192-11	CFS-44	Total/NA	Solid	8015 NM	
820-19192-12	CFS-47	Total/NA	Solid	8015 NM	
820-19192-13	CFS-48	Total/NA	Solid	8015 NM	
820-19192-14	CFS-49	Total/NA	Solid	8015 NM	
820-19192-15	CFS-51	Total/NA	Solid	8015 NM	

Eurofins Lubbock

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

GC Semi VOA (Continued)

Analysis Batch: 111526 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-16	CFS-52	Total/NA	Solid	8015 NM	
820-19192-17	CFS-30	Total/NA	Solid	8015 NM	
820-19192-18	CFS-01	Total/NA	Solid	8015 NM	
820-19192-19	CFS-02	Total/NA	Solid	8015 NM	
820-19192-20	CFS-03	Total/NA	Solid	8015 NM	
820-19192-21	CFS-04	Total/NA	Solid	8015 NM	
820-19192-22	CFS-05	Total/NA	Solid	8015 NM	
820-19192-23	CFS-06	Total/NA	Solid	8015 NM	
820-19192-24	CFS-07	Total/NA	Solid	8015 NM	
820-19192-25	CFS-09	Total/NA	Solid	8015 NM	
820-19192-26	CFS-10	Total/NA	Solid	8015 NM	
820-19192-27	CFS-12	Total/NA	Solid	8015 NM	
820-19192-28	CWS-01	Total/NA	Solid	8015 NM	
820-19192-29	CWS-02	Total/NA	Solid	8015 NM	
820-19192-30	CWS-03	Total/NA	Solid	8015 NM	
820-19192-31	CWS-04	Total/NA	Solid	8015 NM	
820-19192-32	CWS-05	Total/NA	Solid	8015 NM	
820-19192-33	CWS-06	Total/NA	Solid	8015 NM	
820-19192-34	CWS-07	Total/NA	Solid	8015 NM	
820-19192-35	CWS-08	Total/NA	Solid	8015 NM	
820-19192-36	CWS-09	Total/NA	Solid	8015 NM	
820-19192-37	CWS-10	Total/NA	Solid	8015 NM	
820-19192-38	CWS-11	Total/NA	Solid	8015 NM	
820-19192-39	CWS-12	Total/NA	Solid	8015 NM	
820-19192-40	CWS-13	Total/NA	Solid	8015 NM	
820-19192-41	CWS-14	Total/NA	Solid	8015 NM	
820-19192-42	CWS-15	Total/NA	Solid	8015 NM	
820-19192-43	CWS-16	Total/NA	Solid	8015 NM	
820-19192-44	CWS-17	Total/NA	Solid	8015 NM	
820-19192-45	CWS-18	Total/NA	Solid	8015 NM	
820-19192-46	CWS-19	Total/NA	Solid	8015 NM	
820-19192-47	CWS-20	Total/NA	Solid	8015 NM	
820-19192-48	CWS-21	Total/NA	Solid	8015 NM	
820-19192-49	CWS-22	Total/NA	Solid	8015 NM	
820-19192-50	CWS-23	Total/NA	Solid	8015 NM	
820-19192-51	CWS-24	Total/NA	Solid	8015 NM	
820-19192-52	CWS-25	Total/NA	Solid	8015 NM	
820-19192-53	CWS-26	Total/NA	Solid	8015 NM	
820-19192-54	CWS-27	Total/NA	Solid	8015 NM	
820-19192-55	CWS-28	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 111423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-1	CFS-20	Soluble	Solid	DI Leach	
820-19192-2	CFS-21	Soluble	Solid	DI Leach	
820-19192-3	CFS-22	Soluble	Solid	DI Leach	
820-19192-4	CFS-23	Soluble	Solid	DI Leach	
820-19192-5	CFS-24	Soluble	Solid	DI Leach	
820-19192-6	CFS-31	Soluble	Solid	DI Leach	

Eurofins Lubbock

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

HPLC/IC (Continued)

Leach Batch: 111423 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-7	CFS-34	Soluble	Solid	DI Leach	
820-19192-8	CFS-35	Soluble	Solid	DI Leach	
820-19192-9	CFS-42	Soluble	Solid	DI Leach	
820-19192-10	CFS-43	Soluble	Solid	DI Leach	
820-19192-11	CFS-44	Soluble	Solid	DI Leach	
820-19192-12	CFS-47	Soluble	Solid	DI Leach	
820-19192-13	CFS-48	Soluble	Solid	DI Leach	
820-19192-14	CFS-49	Soluble	Solid	DI Leach	
820-19192-15	CFS-51	Soluble	Solid	DI Leach	
820-19192-16	CFS-52	Soluble	Solid	DI Leach	
820-19192-17	CFS-30	Soluble	Solid	DI Leach	
820-19192-18	CFS-01	Soluble	Solid	DI Leach	
820-19192-19	CFS-02	Soluble	Solid	DI Leach	
820-19192-20	CFS-03	Soluble	Solid	DI Leach	
MB 880-111423/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-111423/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-111423/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-19192-1 MS	CFS-20	Soluble	Solid	DI Leach	
820-19192-1 MSD	CFS-20	Soluble	Solid	DI Leach	
820-19192-11 MS	CFS-44	Soluble	Solid	DI Leach	
820-19192-11 MSD	CFS-44	Soluble	Solid	DI Leach	

Leach Batch: 111425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-21	CFS-04	Soluble	Solid	DI Leach	
820-19192-22	CFS-05	Soluble	Solid	DI Leach	
820-19192-23	CFS-06	Soluble	Solid	DI Leach	
820-19192-24	CFS-07	Soluble	Solid	DI Leach	
820-19192-25	CFS-09	Soluble	Solid	DI Leach	
820-19192-26	CFS-10	Soluble	Solid	DI Leach	
820-19192-27	CFS-12	Soluble	Solid	DI Leach	
820-19192-28	CWS-01	Soluble	Solid	DI Leach	
820-19192-29	CWS-02	Soluble	Solid	DI Leach	
820-19192-30	CWS-03	Soluble	Solid	DI Leach	
820-19192-31	CWS-04	Soluble	Solid	DI Leach	
820-19192-32	CWS-05	Soluble	Solid	DI Leach	
820-19192-33	CWS-06	Soluble	Solid	DI Leach	
820-19192-34	CWS-07	Soluble	Solid	DI Leach	
820-19192-35	CWS-08	Soluble	Solid	DI Leach	
820-19192-36	CWS-09	Soluble	Solid	DI Leach	
820-19192-37	CWS-10	Soluble	Solid	DI Leach	
820-19192-38	CWS-11	Soluble	Solid	DI Leach	
820-19192-39	CWS-12	Soluble	Solid	DI Leach	
820-19192-40	CWS-13	Soluble	Solid	DI Leach	
MB 880-111425/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-111425/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-111425/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-19192-21 MS	CFS-04	Soluble	Solid	DI Leach	
820-19192-21 MSD	CFS-04	Soluble	Solid	DI Leach	
820-19192-31 MS	CWS-04	Soluble	Solid	DI Leach	
820-19192-31 MSD	CWS-04	Soluble	Solid	DI Leach	

Eurofins Lubbock

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

HPLC/IC

Leach Batch: 111429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-41	CWS-14	Soluble	Solid	DI Leach	
820-19192-42	CWS-15	Soluble	Solid	DI Leach	
820-19192-43	CWS-16	Soluble	Solid	DI Leach	
820-19192-44	CWS-17	Soluble	Solid	DI Leach	
820-19192-45	CWS-18	Soluble	Solid	DI Leach	
820-19192-46	CWS-19	Soluble	Solid	DI Leach	
820-19192-47	CWS-20	Soluble	Solid	DI Leach	
820-19192-48	CWS-21	Soluble	Solid	DI Leach	
820-19192-49	CWS-22	Soluble	Solid	DI Leach	
820-19192-50	CWS-23	Soluble	Solid	DI Leach	
820-19192-51	CWS-24	Soluble	Solid	DI Leach	
820-19192-52	CWS-25	Soluble	Solid	DI Leach	
820-19192-53	CWS-26	Soluble	Solid	DI Leach	
820-19192-54	CWS-27	Soluble	Solid	DI Leach	
820-19192-55	CWS-28	Soluble	Solid	DI Leach	
MB 880-111429/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-111429/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-111429/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-19192-41 MS	CWS-14	Soluble	Solid	DI Leach	
820-19192-41 MSD	CWS-14	Soluble	Solid	DI Leach	
820-19192-51 MS	CWS-24	Soluble	Solid	DI Leach	
820-19192-51 MSD	CWS-24	Soluble	Solid	DI Leach	

Analysis Batch: 111452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-1	CFS-20	Soluble	Solid	300.0	111423
820-19192-2	CFS-21	Soluble	Solid	300.0	111423
820-19192-3	CFS-22	Soluble	Solid	300.0	111423
820-19192-4	CFS-23	Soluble	Solid	300.0	111423
820-19192-5	CFS-24	Soluble	Solid	300.0	111423
820-19192-6	CFS-31	Soluble	Solid	300.0	111423
820-19192-7	CFS-34	Soluble	Solid	300.0	111423
820-19192-8	CFS-35	Soluble	Solid	300.0	111423
820-19192-9	CFS-42	Soluble	Solid	300.0	111423
820-19192-10	CFS-43	Soluble	Solid	300.0	111423
820-19192-11	CFS-44	Soluble	Solid	300.0	111423
820-19192-12	CFS-47	Soluble	Solid	300.0	111423
820-19192-13	CFS-48	Soluble	Solid	300.0	111423
820-19192-14	CFS-49	Soluble	Solid	300.0	111423
820-19192-15	CFS-51	Soluble	Solid	300.0	111423
820-19192-16	CFS-52	Soluble	Solid	300.0	111423
820-19192-17	CFS-30	Soluble	Solid	300.0	111423
820-19192-18	CFS-01	Soluble	Solid	300.0	111423
820-19192-19	CFS-02	Soluble	Solid	300.0	111423
820-19192-20	CFS-03	Soluble	Solid	300.0	111423
MB 880-111423/1-A	Method Blank	Soluble	Solid	300.0	111423
LCS 880-111423/2-A	Lab Control Sample	Soluble	Solid	300.0	111423
LCSD 880-111423/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	111423
820-19192-1 MS	CFS-20	Soluble	Solid	300.0	111423
820-19192-1 MSD	CFS-20	Soluble	Solid	300.0	111423
820-19192-11 MS	CFS-44	Soluble	Solid	300.0	111423

Eurofins Lubbock

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

HPLC/IC (Continued)

Analysis Batch: 111452 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-11 MSD	CFS-44	Soluble	Solid	300.0	111423

Analysis Batch: 111466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-21	CFS-04	Soluble	Solid	300.0	111425
820-19192-22	CFS-05	Soluble	Solid	300.0	111425
820-19192-23	CFS-06	Soluble	Solid	300.0	111425
820-19192-24	CFS-07	Soluble	Solid	300.0	111425
820-19192-25	CFS-09	Soluble	Solid	300.0	111425
820-19192-26	CFS-10	Soluble	Solid	300.0	111425
820-19192-27	CFS-12	Soluble	Solid	300.0	111425
820-19192-28	CWS-01	Soluble	Solid	300.0	111425
820-19192-29	CWS-02	Soluble	Solid	300.0	111425
820-19192-30	CWS-03	Soluble	Solid	300.0	111425
820-19192-31	CWS-04	Soluble	Solid	300.0	111425
820-19192-32	CWS-05	Soluble	Solid	300.0	111425
820-19192-33	CWS-06	Soluble	Solid	300.0	111425
820-19192-34	CWS-07	Soluble	Solid	300.0	111425
820-19192-35	CWS-08	Soluble	Solid	300.0	111425
820-19192-36	CWS-09	Soluble	Solid	300.0	111425
820-19192-37	CWS-10	Soluble	Solid	300.0	111425
820-19192-38	CWS-11	Soluble	Solid	300.0	111425
820-19192-39	CWS-12	Soluble	Solid	300.0	111425
820-19192-40	CWS-13	Soluble	Solid	300.0	111425
MB 880-111425/1-A	Method Blank	Soluble	Solid	300.0	111425
LCS 880-111425/2-A	Lab Control Sample	Soluble	Solid	300.0	111425
LCSD 880-111425/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	111425
820-19192-21 MS	CFS-04	Soluble	Solid	300.0	111425
820-19192-21 MSD	CFS-04	Soluble	Solid	300.0	111425
820-19192-31 MS	CWS-04	Soluble	Solid	300.0	111425
820-19192-31 MSD	CWS-04	Soluble	Solid	300.0	111425

Analysis Batch: 111481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19192-41	CWS-14	Soluble	Solid	300.0	111429
820-19192-42	CWS-15	Soluble	Solid	300.0	111429
820-19192-43	CWS-16	Soluble	Solid	300.0	111429
820-19192-44	CWS-17	Soluble	Solid	300.0	111429
820-19192-45	CWS-18	Soluble	Solid	300.0	111429
820-19192-46	CWS-19	Soluble	Solid	300.0	111429
820-19192-47	CWS-20	Soluble	Solid	300.0	111429
820-19192-48	CWS-21	Soluble	Solid	300.0	111429
820-19192-49	CWS-22	Soluble	Solid	300.0	111429
820-19192-50	CWS-23	Soluble	Solid	300.0	111429
820-19192-51	CWS-24	Soluble	Solid	300.0	111429
820-19192-52	CWS-25	Soluble	Solid	300.0	111429
820-19192-53	CWS-26	Soluble	Solid	300.0	111429
820-19192-54	CWS-27	Soluble	Solid	300.0	111429
820-19192-55	CWS-28	Soluble	Solid	300.0	111429
MB 880-111429/1-A	Method Blank	Soluble	Solid	300.0	111429
LCS 880-111429/2-A	Lab Control Sample	Soluble	Solid	300.0	111429

Eurofins Lubbock

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

HPLC/IC (Continued)

Analysis Batch: 111481 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-111429/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	111429
820-19192-41 MS	CWS-14	Soluble	Solid	300.0	111429
820-19192-41 MSD	CWS-14	Soluble	Solid	300.0	111429
820-19192-51 MS	CWS-24	Soluble	Solid	300.0	111429
820-19192-51 MSD	CWS-24	Soluble	Solid	300.0	111429

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-20

Lab Sample ID: 820-19192-1

Date Collected: 06/02/25 12:42

Matrix: Solid

Date Received: 06/03/25 10:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 11:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 11:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/03/25 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/03/25 22:49	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 12:54	CH	EET MID

Client Sample ID: CFS-21

Lab Sample ID: 820-19192-2

Date Collected: 06/02/25 12:44

Matrix: Solid

Date Received: 06/03/25 10:04

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 12:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 12:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/03/25 23:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/03/25 23:35	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 15:28	CH	EET MID

Client Sample ID: CFS-22

Lab Sample ID: 820-19192-3

Date Collected: 06/02/25 12:46

Matrix: Solid

Date Received: 06/03/25 10:04

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 12:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 12:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/03/25 23:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/03/25 23:50	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 13:23	CH	EET MID

Client Sample ID: CFS-23

Lab Sample ID: 820-19192-4

Date Collected: 06/02/25 12:48

Matrix: Solid

Date Received: 06/03/25 10:04

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 12:56	SM	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-23

Lab Sample ID: 820-19192-4

Date Collected: 06/02/25 12:48

Matrix: Solid

Date Received: 06/03/25 10:04

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			111526	06/04/25 00:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 00:04	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 13:31	CH	EET MID

Client Sample ID: CFS-24

Lab Sample ID: 820-19192-5

Date Collected: 06/02/25 12:50

Matrix: Solid

Date Received: 06/03/25 10:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 13:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 00:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 00:20	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		5			111452	06/04/25 13:38	CH	EET MID

Client Sample ID: CFS-31

Lab Sample ID: 820-19192-6

Date Collected: 06/02/25 12:52

Matrix: Solid

Date Received: 06/03/25 10:04

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 13:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 00:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 00:35	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 14:00	CH	EET MID

Client Sample ID: CFS-34

Lab Sample ID: 820-19192-7

Date Collected: 06/02/25 12:54

Matrix: Solid

Date Received: 06/03/25 10:04

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 13:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 13:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 00:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 00:50	TKC	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-34

Lab Sample ID: 820-19192-7

Date Collected: 06/02/25 12:54

Matrix: Solid

Date Received: 06/03/25 10:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		5			111452	06/04/25 14:07	CH	EET MID

Client Sample ID: CFS-35

Lab Sample ID: 820-19192-8

Date Collected: 06/02/25 12:56

Matrix: Solid

Date Received: 06/03/25 10:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 14:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 14:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 01:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 01:05	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 14:14	CH	EET MID

Client Sample ID: CFS-42

Lab Sample ID: 820-19192-9

Date Collected: 06/02/25 12:58

Matrix: Solid

Date Received: 06/03/25 10:04

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 14:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 14:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 01:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 01:19	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 14:22	CH	EET MID

Client Sample ID: CFS-43

Lab Sample ID: 820-19192-10

Date Collected: 06/02/25 13:00

Matrix: Solid

Date Received: 06/03/25 10:04

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 14:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 14:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 01:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 01:34	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 14:29	CH	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-44

Lab Sample ID: 820-19192-11

Date Collected: 06/02/25 13:02

Matrix: Solid

Date Received: 06/03/25 10:04

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 16:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 16:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 02:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 02:05	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 14:36	CH	EET MID

Client Sample ID: CFS-47

Lab Sample ID: 820-19192-12

Date Collected: 06/02/25 13:03

Matrix: Solid

Date Received: 06/03/25 10:04

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 16:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 16:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 02:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 02:19	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 14:58	CH	EET MID

Client Sample ID: CFS-48

Lab Sample ID: 820-19192-13

Date Collected: 06/02/25 13:04

Matrix: Solid

Date Received: 06/03/25 10:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 17:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 17:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 02:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 02:35	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 15:06	CH	EET MID

Client Sample ID: CFS-49

Lab Sample ID: 820-19192-14

Date Collected: 06/02/25 13:06

Matrix: Solid

Date Received: 06/03/25 10:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 17:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 17:35	SM	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-49

Date Collected: 06/02/25 13:06

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-14

Matrix: Solid

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			111526	06/04/25 02:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 02:50	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 15:35	CH	EET MID

Client Sample ID: CFS-51

Date Collected: 06/02/25 13:08

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-15

Matrix: Solid

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 17:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 17:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 03:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 03:06	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 15:42	CH	EET MID

Client Sample ID: CFS-52

Date Collected: 06/02/25 13:10

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-16

Matrix: Solid

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 18:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 18:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 03:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 03:20	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/05/25 08:27	CH	EET MID

Client Sample ID: CFS-30

Date Collected: 06/02/25 13:14

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-17

Matrix: Solid

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 18:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 18:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 03:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 03:37	TKC	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-30

Date Collected: 06/02/25 13:14

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 15:57	CH	EET MID

Client Sample ID: CFS-01

Date Collected: 06/02/25 13:18

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 18:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 18:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 03:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 03:51	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 16:04	CH	EET MID

Client Sample ID: CFS-02

Date Collected: 06/02/25 13:20

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-19

Matrix: Solid

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 19:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 19:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 04:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 04:08	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 16:11	CH	EET MID

Client Sample ID: CFS-03

Date Collected: 06/02/25 13:22

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-20

Matrix: Solid

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	111469	06/04/25 09:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111457	06/04/25 19:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 19:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 04:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	111442	06/03/25 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111410	06/04/25 04:22	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	111423	06/03/25 14:59	SA	EET MID
Soluble	Analysis	300.0		1			111452	06/04/25 16:18	CH	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-04

Date Collected: 06/02/25 13:24

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/03/25 22:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 22:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 10:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 10:16	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		5			111466	06/04/25 13:09	CH	EET MID

Client Sample ID: CFS-05

Date Collected: 06/02/25 13:26

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-22

Matrix: Solid

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/03/25 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 22:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 11:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 11:01	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		1			111466	06/04/25 13:30	CH	EET MID

Client Sample ID: CFS-06

Date Collected: 06/02/25 13:28

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/03/25 22:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 22:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 11:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 11:16	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		5			111466	06/04/25 13:37	CH	EET MID

Client Sample ID: CFS-07

Date Collected: 06/02/25 13:30

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-24

Matrix: Solid

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/03/25 23:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 23:09	SM	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-07

Date Collected: 06/02/25 13:30

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-24

Matrix: Solid

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			111526	06/04/25 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 11:30	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		5			111466	06/04/25 13:44	CH	EET MID

Client Sample ID: CFS-09

Date Collected: 06/02/25 13:32

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-25

Matrix: Solid

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/03/25 23:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 23:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 11:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 11:52	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		5			111466	06/04/25 13:51	CH	EET MID

Client Sample ID: CFS-10

Date Collected: 06/02/25 13:34

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/03/25 23:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 23:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 12:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 12:06	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		1			111466	06/04/25 14:12	CH	EET MID

Client Sample ID: CFS-12

Date Collected: 06/02/25 13:36

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-27

Matrix: Solid

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 00:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 12:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 12:22	TKC	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CFS-12

Date Collected: 06/02/25 13:36

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		1			111466	06/04/25 14:19	CH	EET MID

Client Sample ID: CWS-01

Date Collected: 06/02/25 15:50

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-28

Matrix: Solid

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 00:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 00:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 12:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 12:37	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		1			111466	06/04/25 14:27	CH	EET MID

Client Sample ID: CWS-02

Date Collected: 06/02/25 15:52

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-29

Matrix: Solid

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 00:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 00:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 12:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 12:52	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		1			111466	06/04/25 14:34	CH	EET MID

Client Sample ID: CWS-03

Date Collected: 06/02/25 15:54

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-30

Matrix: Solid

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 01:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 01:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 13:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 13:06	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		5			111466	06/05/25 08:10	CH	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-04

Lab Sample ID: 820-19192-31

Date Collected: 06/02/25 15:56

Matrix: Solid

Date Received: 06/03/25 10:04

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 02:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 02:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 13:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 13:38	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		1			111466	06/04/25 14:48	CH	EET MID

Client Sample ID: CWS-05

Lab Sample ID: 820-19192-32

Date Collected: 06/02/25 15:58

Matrix: Solid

Date Received: 06/03/25 10:04

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 02:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 02:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 13:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 13:53	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		5			111466	06/04/25 15:09	CH	EET MID

Client Sample ID: CWS-06

Lab Sample ID: 820-19192-33

Date Collected: 06/02/25 16:00

Matrix: Solid

Date Received: 06/03/25 10:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 03:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 03:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 14:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 14:08	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		20			111466	06/04/25 15:16	CH	EET MID

Client Sample ID: CWS-07

Lab Sample ID: 820-19192-34

Date Collected: 06/02/25 16:02

Matrix: Solid

Date Received: 06/03/25 10:04

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 03:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 03:36	SM	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-07

Lab Sample ID: 820-19192-34

Date Collected: 06/02/25 16:02

Matrix: Solid

Date Received: 06/03/25 10:04

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			111526	06/04/25 14:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 14:23	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		1			111466	06/04/25 15:37	CH	EET MID

Client Sample ID: CWS-08

Lab Sample ID: 820-19192-35

Date Collected: 06/02/25 16:04

Matrix: Solid

Date Received: 06/03/25 10:04

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 03:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 03:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 14:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 14:39	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		1			111466	06/04/25 15:44	CH	EET MID

Client Sample ID: CWS-09

Lab Sample ID: 820-19192-36

Date Collected: 06/02/25 16:06

Matrix: Solid

Date Received: 06/03/25 10:04

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 04:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 04:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 14:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 14:54	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		10			111466	06/04/25 15:51	CH	EET MID

Client Sample ID: CWS-10

Lab Sample ID: 820-19192-37

Date Collected: 06/02/25 16:08

Matrix: Solid

Date Received: 06/03/25 10:04

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 04:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 04:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 15:28	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 15:28	TKC	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-10

Date Collected: 06/02/25 16:08

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-37

Matrix: Solid

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	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		5			111466	06/04/25 15:58	CH	EET MID

Client Sample ID: CWS-11

Date Collected: 06/02/25 16:10

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-38

Matrix: Solid

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 04:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 04:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 15:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 15:43	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		20			111466	06/04/25 16:05	CH	EET MID

Client Sample ID: CWS-12

Date Collected: 06/02/25 16:12

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-39

Matrix: Solid

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 05:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 05:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 15:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 15:58	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		1			111466	06/04/25 16:13	CH	EET MID

Client Sample ID: CWS-13

Date Collected: 06/02/25 16:14

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-40

Matrix: Solid

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	111445	06/03/25 16:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111355	06/04/25 05:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 05:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 16:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	111443	06/03/25 16:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111467	06/04/25 16:12	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	111425	06/03/25 15:05	SA	EET MID
Soluble	Analysis	300.0		1			111466	06/04/25 16:20	CH	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-14

Lab Sample ID: 820-19192-41

Date Collected: 06/02/25 16:20

Matrix: Solid

Date Received: 06/03/25 10:04

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/03/25 18:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 18:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 06:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	111384	06/03/25 10:55	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111420	06/04/25 06:36	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		1			111481	06/04/25 17:17	CH	EET MID

Client Sample ID: CWS-15

Lab Sample ID: 820-19192-42

Date Collected: 06/02/25 16:22

Matrix: Solid

Date Received: 06/03/25 10:04

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/03/25 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 18:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 06:51	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	111384	06/03/25 10:55	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111420	06/04/25 06:51	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		1			111481	06/04/25 17:39	CH	EET MID

Client Sample ID: CWS-16

Lab Sample ID: 820-19192-43

Date Collected: 06/02/25 16:24

Matrix: Solid

Date Received: 06/03/25 10:04

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/03/25 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 19:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 13:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	111444	06/03/25 16:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111505	06/04/25 13:21	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		1			111481	06/04/25 17:46	CH	EET MID

Client Sample ID: CWS-17

Lab Sample ID: 820-19192-44

Date Collected: 06/02/25 16:26

Matrix: Solid

Date Received: 06/03/25 10:04

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/03/25 19:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 19:32	SM	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-17

Date Collected: 06/02/25 16:26

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-44

Matrix: Solid

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			111526	06/04/25 14:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	111444	06/03/25 16:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111505	06/04/25 14:09	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		1			111481	06/04/25 17:53	CH	EET MID

Client Sample ID: CWS-18

Date Collected: 06/02/25 16:30

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-45

Matrix: Solid

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/03/25 19:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 19:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 14:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	111444	06/03/25 16:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111505	06/04/25 14:25	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		5			111481	06/04/25 18:01	CH	EET MID

Client Sample ID: CWS-19

Date Collected: 06/02/25 16:32

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-46

Matrix: Solid

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/03/25 20:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 20:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 14:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	111444	06/03/25 16:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111505	06/04/25 14:42	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		5			111481	06/04/25 18:22	CH	EET MID

Client Sample ID: CWS-20

Date Collected: 06/02/25 16:34

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-47

Matrix: Solid

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/03/25 20:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 20:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	111444	06/03/25 16:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111505	06/04/25 14:58	TKC	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-20

Lab Sample ID: 820-19192-47

Date Collected: 06/02/25 16:34

Matrix: Solid

Date Received: 06/03/25 10:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		5			111481	06/04/25 18:30	CH	EET MID

Client Sample ID: CWS-21

Lab Sample ID: 820-19192-48

Date Collected: 06/02/25 16:36

Matrix: Solid

Date Received: 06/03/25 10:04

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/03/25 20:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 20:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 15:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	111444	06/03/25 16:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111505	06/04/25 15:14	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		5			111481	06/04/25 18:37	CH	EET MID

Client Sample ID: CWS-22

Lab Sample ID: 820-19192-49

Date Collected: 06/02/25 16:38

Matrix: Solid

Date Received: 06/03/25 10:04

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/03/25 21:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 21:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 15:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	111444	06/03/25 16:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111505	06/04/25 15:30	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		1			111481	06/04/25 18:44	CH	EET MID

Client Sample ID: CWS-23

Lab Sample ID: 820-19192-50

Date Collected: 06/02/25 16:40

Matrix: Solid

Date Received: 06/03/25 10:04

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/03/25 21:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 21:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 15:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	111444	06/03/25 16:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111505	06/04/25 15:46	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		5			111481	06/04/25 18:52	CH	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-24

Date Collected: 06/02/25 16:42

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-51

Matrix: Solid

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/03/25 23:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 23:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 16:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	111444	06/03/25 16:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111505	06/04/25 16:02	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		1			111481	06/04/25 18:59	CH	EET MID

Client Sample ID: CWS-25

Date Collected: 06/02/25 16:44

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-52

Matrix: Solid

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/03/25 23:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/03/25 23:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 16:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	111444	06/03/25 16:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111505	06/04/25 16:18	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		1			111481	06/04/25 19:21	CH	EET MID

Client Sample ID: CWS-26

Date Collected: 06/02/25 16:46

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-53

Matrix: Solid

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/04/25 00:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 00:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 16:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	111444	06/03/25 16:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111505	06/04/25 16:50	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		1			111481	06/04/25 19:28	CH	EET MID

Client Sample ID: CWS-27

Date Collected: 06/02/25 16:48

Date Received: 06/03/25 10:04

Lab Sample ID: 820-19192-54

Matrix: Solid

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/04/25 00:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 00:27	SM	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Client Sample ID: CWS-27

Lab Sample ID: 820-19192-54

Date Collected: 06/02/25 16:48

Matrix: Solid

Date Received: 06/03/25 10:04

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			111526	06/04/25 17:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	111444	06/03/25 16:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111505	06/04/25 17:06	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		1			111481	06/04/25 19:50	CH	EET MID

Client Sample ID: CWS-28

Lab Sample ID: 820-19192-55

Date Collected: 06/02/25 16:50

Matrix: Solid

Date Received: 06/03/25 10:04

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	111446	06/03/25 16:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111360	06/04/25 00:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111476	06/04/25 00:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			111526	06/04/25 17:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	111444	06/03/25 16:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111505	06/04/25 17:22	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	111429	06/03/25 15:07	SA	EET MID
Soluble	Analysis	300.0		1			111481	06/04/25 19:57	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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	06-30-25

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

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

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:

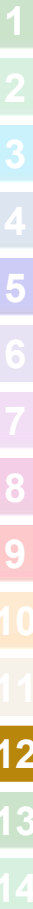
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
820-19192-1	CFS-20	Solid	06/02/25 12:42	06/03/25 10:04	2.0 - 2.5
820-19192-2	CFS-21	Solid	06/02/25 12:44	06/03/25 10:04	2.0 - 2.5
820-19192-3	CFS-22	Solid	06/02/25 12:46	06/03/25 10:04	2.0 - 2.5
820-19192-4	CFS-23	Solid	06/02/25 12:48	06/03/25 10:04	2.0 - 2.5
820-19192-5	CFS-24	Solid	06/02/25 12:50	06/03/25 10:04	2.0 - 2.5
820-19192-6	CFS-31	Solid	06/02/25 12:52	06/03/25 10:04	2.0 - 2.5
820-19192-7	CFS-34	Solid	06/02/25 12:54	06/03/25 10:04	2.0 - 2.5
820-19192-8	CFS-35	Solid	06/02/25 12:56	06/03/25 10:04	2.0 - 2.5
820-19192-9	CFS-42	Solid	06/02/25 12:58	06/03/25 10:04	2.0 - 2.5
820-19192-10	CFS-43	Solid	06/02/25 13:00	06/03/25 10:04	2.0 - 2.5
820-19192-11	CFS-44	Solid	06/02/25 13:02	06/03/25 10:04	2.0 - 2.5
820-19192-12	CFS-47	Solid	06/02/25 13:03	06/03/25 10:04	2.0 - 2.5
820-19192-13	CFS-48	Solid	06/02/25 13:04	06/03/25 10:04	2.0 - 2.5
820-19192-14	CFS-49	Solid	06/02/25 13:06	06/03/25 10:04	2.0 - 2.5
820-19192-15	CFS-51	Solid	06/02/25 13:08	06/03/25 10:04	2.0 - 2.5
820-19192-16	CFS-52	Solid	06/02/25 13:10	06/03/25 10:04	2.0 - 2.5
820-19192-17	CFS-30	Solid	06/02/25 13:14	06/03/25 10:04	2.0 - 2.5
820-19192-18	CFS-01	Solid	06/02/25 13:18	06/03/25 10:04	2.0 - 2.5
820-19192-19	CFS-02	Solid	06/02/25 13:20	06/03/25 10:04	2.0 - 2.5
820-19192-20	CFS-03	Solid	06/02/25 13:22	06/03/25 10:04	2.0 - 2.5
820-19192-21	CFS-04	Solid	06/02/25 13:24	06/03/25 10:04	2.0 - 2.5
820-19192-22	CFS-05	Solid	06/02/25 13:26	06/03/25 10:04	2.0 - 2.5
820-19192-23	CFS-06	Solid	06/02/25 13:28	06/03/25 10:04	2.0 - 2.5
820-19192-24	CFS-07	Solid	06/02/25 13:30	06/03/25 10:04	2.0 - 2.5
820-19192-25	CFS-09	Solid	06/02/25 13:32	06/03/25 10:04	2.0 - 2.5
820-19192-26	CFS-10	Solid	06/02/25 13:34	06/03/25 10:04	2.0 - 2.5
820-19192-27	CFS-12	Solid	06/02/25 13:36	06/03/25 10:04	2.0 - 2.5
820-19192-28	CWS-01	Solid	06/02/25 15:50	06/03/25 10:04	0.0 - 2.0
820-19192-29	CWS-02	Solid	06/02/25 15:52	06/03/25 10:04	0.0 - 2.0
820-19192-30	CWS-03	Solid	06/02/25 15:54	06/03/25 10:04	0.0 - 2.0
820-19192-31	CWS-04	Solid	06/02/25 15:56	06/03/25 10:04	0.0 - 2.0
820-19192-32	CWS-05	Solid	06/02/25 15:58	06/03/25 10:04	0.0 - 2.0
820-19192-33	CWS-06	Solid	06/02/25 16:00	06/03/25 10:04	0.0 - 2.0
820-19192-34	CWS-07	Solid	06/02/25 16:02	06/03/25 10:04	0.0 - 2.0
820-19192-35	CWS-08	Solid	06/02/25 16:04	06/03/25 10:04	0.0 - 2.0
820-19192-36	CWS-09	Solid	06/02/25 16:06	06/03/25 10:04	0.0 - 2.0
820-19192-37	CWS-10	Solid	06/02/25 16:08	06/03/25 10:04	0.0 - 2.0
820-19192-38	CWS-11	Solid	06/02/25 16:10	06/03/25 10:04	0.0 - 2.0
820-19192-39	CWS-12	Solid	06/02/25 16:12	06/03/25 10:04	0.0 - 2.0
820-19192-40	CWS-13	Solid	06/02/25 16:14	06/03/25 10:04	0.0 - 2.0
820-19192-41	CWS-14	Solid	06/02/25 16:20	06/03/25 10:04	0.0 - 2.0
820-19192-42	CWS-15	Solid	06/02/25 16:22	06/03/25 10:04	0.0 - 2.0
820-19192-43	CWS-16	Solid	06/02/25 16:24	06/03/25 10:04	0.0 - 2.0
820-19192-44	CWS-17	Solid	06/02/25 16:26	06/03/25 10:04	0.0 - 2.0
820-19192-45	CWS-18	Solid	06/02/25 16:30	06/03/25 10:04	0.0 - 2.0
820-19192-46	CWS-19	Solid	06/02/25 16:32	06/03/25 10:04	0.0 - 2.0
820-19192-47	CWS-20	Solid	06/02/25 16:34	06/03/25 10:04	0.0 - 2.0
820-19192-48	CWS-21	Solid	06/02/25 16:36	06/03/25 10:04	0.0 - 2.0
820-19192-49	CWS-22	Solid	06/02/25 16:38	06/03/25 10:04	0.0 - 2.0
820-19192-50	CWS-23	Solid	06/02/25 16:40	06/03/25 10:04	0.0 - 2.0
820-19192-51	CWS-24	Solid	06/02/25 16:42	06/03/25 10:04	0.0 - 2.0
820-19192-52	CWS-25	Solid	06/02/25 16:44	06/03/25 10:04	0.0 - 2.0
820-19192-53	CWS-26	Solid	06/02/25 16:46	06/03/25 10:04	0.0 - 2.0
820-19192-54	CWS-27	Solid	06/02/25 16:48	06/03/25 10:04	0.0 - 2.0



Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H

Job ID: 820-19192-1
SDG: Eddy County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
820-19192-55	CWS-28	Solid	06/02/25 16:50	06/03/25 10:04	0.0 - 2.0

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Loc: 820

19192


 4145 Greenbriar Dr., Stafford, TX 77477
 (281) 240-4200

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



820-19192 Chain of Custody

Company Name: Terracon		P.O. #: WO-21373173		BILL TO:		ANALYSIS REQUEST															
Project Manager: Chuck Smith		Company: Devon Energy		Attn: Jim Raley																	
Address: 5847 50th Street		State: TX		Zip: 79424																	
City: Lubbock		Fax #: 806-300-0140		Address: 205 E. Bender Rd.																	
Project #: KH247040		Project Owner: Devon Energy		City: Carlsbad																	
Project Name: Longview Fed 1-21H / OCD Incident # nAPP2420035294		State: NM		Phone #: 205 E. Bender Rd.																	
Project Location: Eddy County		Phone #: 205 E. Bender Rd.		Fax #: 205 E. Bender Rd.																	
Sampler Name: Zach Mueller																					
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	Depth (ft)	(G) RAB OR (C) COMP.	# CONTAINERS	MATRIX	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	PRESERV.	SAMPLING	DATE	TIME			
	CFS-20	2.0-2.5	C 1	1									X				6/2/2025	12:42			
	CFS-21	2.0-2.5	C 1	1									X				6/2/2025	12:44			
	CFS-22	2.0-2.5	C 1	1									X				6/2/2025	12:46			
	CFS-23	2.0-2.5	C 1	1									X				6/2/2025	12:48			
	CFS-24	2.0-2.5	C 1	1									X				6/2/2025	12:50			
	CFS-31	2.0-2.5	C 1	1									X				6/2/2025	12:52			
	CFS-34	2.0-2.5	C 1	1									X				6/2/2025	12:54			
	CFS-35	2.0-2.5	C 1	1									X				6/2/2025	12:56			
	CFS-42	2.0-2.5	C 1	1									X				6/2/2025	12:58			
	CFS-43	2.0-2.5	C 1	1									X				6/2/2025	13:00			
	CFS-44	2.0-2.5	C 1	1									X				6/2/2025	13:02			
	CFS-47	2.0-2.5	C 1	1									X				6/2/2025	13:03			
	CFS-48	2.0-2.5	C 1	1									X				6/2/2025	13:04			
Relinquished By: Zach Mueller		Date: 6-3-25		Time: 10:04		Received By: J. Gagne		Verbal Result: ☐ Yes ☐ No Add'l Phone #:		All Results are emailed. Please provide Email address: zach.mueller@terracon.com; chuck.smith@terracon.com; joseph.guesnier@terracon.com											
Relinquished By:		Date:		Time:		Received By:		Turnaround Time: Standard ☐ 48 Turnaround Time ☒		REMARKS: 48 hour turnaround time											
Delivered By: (Circle One) ICE ✓		Observed Temp. °C 9.3		Corrected Temp. °C 9.6		Sample Condition: Cool Intact ☒ Yes ☐ No		Checked By: (Initials) JR		Turnaround Time: Standard ☐ 48 Turnaround Time ☒		Thermometer ID #113		Correction Factor -0.5°C		Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No		Observed Temp. °C		Corrected Temp. °C	



2/5

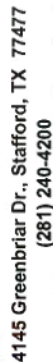
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4145 Greenbriar Dr., Stafford, TX 77477
(281) 240-4200

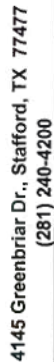
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Terracon		P.O. #: WO-21373173		BILL TO:		ANALYSIS REQUEST																	
Project Manager: Chuck Smith		Company: Devon Energy		Attn: Jim Riley																			
Address: 5847 50th Street		State: TX		Zip: 79424																			
City: Lubbock		State: TX		Zip: 79424																			
Phone #: 806-300-0140		Fax #: 806-300-0140		Address: 205 E. Bender Rd.																			
Project #: KH247040		Project Owner: Devon Energy		City: Carlsbad																			
Project Name: Longview Fed 1-21H / OCD Incident # nAPP240035294		State: NM		Phone #: NM																			
Project Location: Eddy County		Phone #: NM		Fax #: NM																			
Sampler Name: Zach Mueller		Fax #: NM		Phone #: NM																			
FOR LAB USE ONLY		PRESERV.		SAMPLING																			
Lab I.D.		Depth (ft)		# CONTAINERS		MATRIX		OTHER :		ACID/BASE :		ICE / COOL :		DATE		TIME		Chloride (EPA Method 300.0)		TPH Extended 8015		BTEX (EPA Method 8021B)	
CFS-12	2.0-2.5	C 1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL :	DATE	TIME	X	X	X	X	X	X	X	X	X	X	
CWS-01	0.0-2.0	C 1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL :	DATE	TIME	X	X	X	X	X	X	X	X	X	X	
CWS-02	0.0-2.0	C 1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL :	DATE	TIME	X	X	X	X	X	X	X	X	X	X	
CWS-03	0.0-2.0	C 1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL :	DATE	TIME	X	X	X	X	X	X	X	X	X	X	
CWS-04	0.0-2.0	C 1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL :	DATE	TIME	X	X	X	X	X	X	X	X	X	X	
CWS-05	0.0-2.0	C 1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL :	DATE	TIME	X	X	X	X	X	X	X	X	X	X	
CWS-06	0.0-2.0	C 1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL :	DATE	TIME	X	X	X	X	X	X	X	X	X	X	
CWS-07	0.0-2.0	C 1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL :	DATE	TIME	X	X	X	X	X	X	X	X	X	X	
CWS-08	0.0-2.0	C 1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL :	DATE	TIME	X	X	X	X	X	X	X	X	X	X	
CWS-09	0.0-2.0	C 1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL :	DATE	TIME	X	X	X	X	X	X	X	X	X	X	
CWS-10	0.0-2.0	C 1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL :	DATE	TIME	X	X	X	X	X	X	X	X	X	X	
CWS-11	0.0-2.0	C 1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL :	DATE	TIME	X	X	X	X	X	X	X	X	X	X	
CWS-12	0.0-2.0	C 1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL :	DATE	TIME	X	X	X	X	X	X	X	X	X	X	
Relinquished By: Zach Mueller		Date: 6-3-25		Time: 10:04		Received By: J. Guesnier		Verbal Result: ☐ Yes ☐ No Add'l Phone #:															
Relinquished By:		Date:		Time:		Received By:		All Results are emailed. Please provide Email address:															
Delivered By: (Circle One)		Observed Temp. °C		Corrected Temp. °C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time: Standard ☐ 48 Turnaround Time ☒		Bacteria (only) Sample Condition											
Sampler - UPS	- Bus	- Other:	ICE ✓	9.3	9.6	Cool ☐ Yes ☐ No	Thermometer ID #113	Correction Factor -0.5°C	Joseph.guesnier@terracon.com														



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO:										ANALYSIS REQUEST																							
Company Name:		P.O. #:		Company:		Attn:		Address:		City:		State:		Phone #:		Fax #:		BTEX (EPA Method 8021B)		TPH Extended 8015		Chloride (EPA Method 300.0)											
Terracon		WO-21373173		Devon Energy		Jim Raley		205 E. Bender Rd.		Carlsbad		NM																					
Project Manager:		Company:		Attn:		Address:		City:		State:		Phone #:		Fax #:																			
5847 50th Street		TX		79424		205 E. Bender Rd.		Carlsbad		NM																							
City:		State:		Zip:		Project Owner:		Devon Energy		Carlsbad		NM																					
Phone #:		806-300-0140		Fax #:		Longview Fed 1-21H / OCD incident # nAPP2420035294		Eddy County		Zach Mueller																							
Project #:		KH247040		Project Name:		Longview Fed 1-21H / OCD incident # nAPP2420035294		Eddy County		Zach Mueller																							
Project Location:		Eddy County		Project Name:		Longview Fed 1-21H / OCD incident # nAPP2420035294		Eddy County		Zach Mueller																							
Sampler Name:		Zach Mueller		Project Name:		Longview Fed 1-21H / OCD incident # nAPP2420035294		Eddy County		Zach Mueller																							
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		Depth (ft)		(G)RAB OR (C)OMP		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		SLUDGE		OTHER :		ACID/BASE :		ICE / COOL		OTHER :		DATE		TIME			
CWS-13						0.0-2.0		C 1		1		X		X		X		X		X		X		X		X		6/2/2025		16:14			
CWS-14						0.0-2.0		C 1		1		X		X		X		X		X		X		X		X		X		6/2/2025		16:20	
CWS-15						0.0-2.0		C 1		1		X		X		X		X		X		X		X		X		X		6/2/2025		16:22	
CWS-16						0.0-2.0		C 1		1		X		X		X		X		X		X		X		X		X		6/2/2025		16:24	
CWS-17						0.0-2.0		C 1		1		X		X		X		X		X		X		X		X		X		6/2/2025		16:26	
CWS-18						0.0-2.0		C 1		1		X		X		X		X		X		X		X		X		X		6/2/2025		16:30	
CWS-19						0.0-2.0		C 1		1		X		X		X		X		X		X		X		X		X		6/2/2025		16:32	
CWS-20						0.0-2.0		C 1		1		X		X		X		X		X		X		X		X		X		6/2/2025		16:34	
CWS-21						0.0-2.0		C 1		1		X		X		X		X		X		X		X		X		X		6/2/2025		16:36	
CWS-22						0.0-2.0		C 1		1		X		X		X		X		X		X		X		X		X		6/2/2025		16:38	
CWS-23						0.0-2.0		C 1		1		X		X		X		X		X		X		X		X		X		6/2/2025		16:40	
CWS-24						0.0-2.0		C 1		1		X		X		X		X		X		X		X		X		X		6/2/2025		16:42	
CWS-25						0.0-2.0		C 1		1		X		X		X		X		X		X		X		X		X		6/2/2025		16:44	
Relinquished By:		Zach Mueller</																															



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO:										ANALYSIS REQUEST													
Company Name: Terracon					P.O. #: WO-21373173																		
Project Manager: Chuck Smith					Company: Devon Energy																		
Address: 5847 50th Street					Attn: Jim Raley																		
City: Lubbock					State: TX Zip: 79424																		
Phone #: 806-300-0140					Address: 205 E. Bender Rd.																		
Project #: KH247040					City: Carlsbad																		
Project Name: Longview Fed 1-21H / OCD Incident # nAPP2420035294					State: NM																		
Project Location: Eddy County					Phone #:																		
Sampler Name: Zach Mueller					Fax #:																		
Lab I.D.		Sample I.D.		Depth (ft)		# CONTAINERS		MATRIX		PRESERV.		SAMPLING		DATE		TIME		Chloride (EPA Method 300.0)		TPH Extended 8015		BTEX (EPA Method 8021B)	
		CWS-26		0.0-2.0		C 1		GROUNDWATER		ACID/BASE:		OTHER:		X		6/2/2025		16:46		X		X	
		CWS-27		0.0-2.0		C 1		WASTEWATER		X		X		X		6/2/2025		16:48		X		X	
		CWS-28		0.0-2.0		C 1		OIL		X		X		X		6/2/2025		16:50		X		X	

Relinquished By: <u>Zach Mueller</u>		Received By: <u>Yogmeor</u>		Date: <u>6-3-25</u>		Verbal Result: ☐ Yes ☐ No Add'l Phone #:	
				Time: <u>10:04</u>		All Results are emailed. Please provide Email address:	
						<u>zach.mueller@terracon.com; chuck.smith@terracon.com;</u>	
						<u>Joseph.guesnier@terracon.com</u>	
						REMARKS: 48 hour turnaround time	

Relinquished By:		Checked By: (Initials) <u>JP</u>		Turnaround Time: Standard ☐ 48 Turnaround Time ☒		Bacteria (only) Sample Condition	
						Cool ☐ Yes ☐ No ☐	
						Observed Temp. °C ☐ Yes ☐ No ☐	
						Corrected Temp. °C ☐ Yes ☐ No ☐	

Delivered By: (Circle One) <u>IEU</u>		Observed Temp. °C <u>9.3</u>		Corrected Temp. °C <u>9.6</u>	
Sampler - UPS		- Bus		- Other:	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-19192-1

SDG Number: Eddy County

Login Number: 19192

List Number: 1

Creator: Guillen, Kyrstin

List Source: Eurofins Lubbock

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.	True	
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: Terracon Consulting Eng & Scientists

Job Number: 820-19192-1

SDG Number: Eddy County

Login Number: 19192

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 06/03/25 03:59 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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Joseph Guesnier
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 6/18/2025 2:23:24 PM

JOB DESCRIPTION

Longview Fed 1-21H / OCD Incident # nAPP2420035294
Eddy County

JOB NUMBER

820-19393-1

Eurofins Lubbock

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.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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6/18/2025 2:23:24 PM

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



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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: Terracon Consulting Eng & Scientists
Project: Longview Fed 1-21H / OCD Incident # nAPP2420035294

Job ID: 820-19393-1

Job ID: 820-19393-1

Eurofins Lubbock

Job Narrative 820-19393-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/16/2025 9:50 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 6.1°C.

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCSD 880-112398/3-A), (890-8295-A-1-D MS) and (890-8295-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CWS-03.1 (820-19393-1), CWS-06.1 (820-19393-2), CWS-11.1 (820-19393-3), CWS-19.1 (820-19393-4), CFS-09.1 (820-19393-5) and (890-8295-A-1-C). 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

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-112381 and analytical batch 880-112386 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.

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

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

Client Sample ID: CWS-03.1

Lab Sample ID: 820-19393-1

Date Collected: 06/13/25 13:00

Matrix: Solid

Date Received: 06/16/25 09:50

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		06/17/25 12:30	06/17/25 14:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/17/25 12:30	06/17/25 14:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/17/25 12:30	06/17/25 14:47	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/17/25 12:30	06/17/25 14:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/17/25 12:30	06/17/25 14:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/17/25 12:30	06/17/25 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/17/25 12:30	06/17/25 14:47	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/17/25 12:30	06/17/25 14:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/17/25 14:47	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			06/17/25 22:58	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		06/17/25 09:45	06/17/25 22:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/17/25 09:45	06/17/25 22:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/17/25 09:45	06/17/25 22:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	06/17/25 09:45	06/17/25 22:58	1
o-Terphenyl	137	S1+	70 - 130	06/17/25 09:45	06/17/25 22:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	463		10.0		mg/Kg			06/17/25 15:22	1

Client Sample ID: CWS-06.1

Lab Sample ID: 820-19393-2

Date Collected: 06/13/25 13:10

Matrix: Solid

Date Received: 06/16/25 09:50

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		06/17/25 12:30	06/17/25 15:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/17/25 12:30	06/17/25 15:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/17/25 12:30	06/17/25 15:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/17/25 12:30	06/17/25 15:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/17/25 12:30	06/17/25 15:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/17/25 12:30	06/17/25 15:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/17/25 12:30	06/17/25 15:07	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/17/25 12:30	06/17/25 15:07	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

Client Sample ID: CWS-06.1

Lab Sample ID: 820-19393-2

Date Collected: 06/13/25 13:10

Matrix: Solid

Date Received: 06/16/25 09:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/17/25 15:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/17/25 23:12	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		06/17/25 09:45	06/17/25 23:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/17/25 09:45	06/17/25 23:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/17/25 09:45	06/17/25 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130				06/17/25 09:45	06/17/25 23:12	1
o-Terphenyl	140	S1+	70 - 130				06/17/25 09:45	06/17/25 23:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2680		50.1		mg/Kg			06/17/25 15:29	5

Client Sample ID: CWS-11.1

Lab Sample ID: 820-19393-3

Date Collected: 06/13/25 13:20

Matrix: Solid

Date Received: 06/16/25 09:50

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		06/17/25 12:30	06/17/25 16:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/17/25 12:30	06/17/25 16:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/17/25 12:30	06/17/25 16:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/17/25 12:30	06/17/25 16:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/17/25 12:30	06/17/25 16:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/17/25 12:30	06/17/25 16:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				06/17/25 12:30	06/17/25 16:31	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/17/25 12:30	06/17/25 16:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/17/25 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			06/17/25 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	<50.5	U	50.5		mg/Kg		06/17/25 09:45	06/17/25 23:27	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

Client Sample ID: CWS-11.1

Lab Sample ID: 820-19393-3

Date Collected: 06/13/25 13:20

Matrix: Solid

Date Received: 06/16/25 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		06/17/25 09:45	06/17/25 23:27	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		06/17/25 09:45	06/17/25 23:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130				06/17/25 09:45	06/17/25 23:27	1
o-Terphenyl	142	S1+	70 - 130				06/17/25 09:45	06/17/25 23:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	800		9.98		mg/Kg			06/17/25 15:36	1

Client Sample ID: CWS-19.1

Lab Sample ID: 820-19393-4

Date Collected: 06/13/25 13:30

Matrix: Solid

Date Received: 06/16/25 09:50

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		06/17/25 12:30	06/17/25 16:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/17/25 12:30	06/17/25 16:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/17/25 12:30	06/17/25 16:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/17/25 12:30	06/17/25 16:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/17/25 12:30	06/17/25 16:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/17/25 12:30	06/17/25 16:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/17/25 12:30	06/17/25 16:51	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/17/25 12:30	06/17/25 16:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/17/25 16:51	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			06/17/25 23:42	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		06/17/25 09:45	06/17/25 23:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/17/25 09:45	06/17/25 23:42	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/17/25 09:45	06/17/25 23:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				06/17/25 09:45	06/17/25 23:42	1
o-Terphenyl	138	S1+	70 - 130				06/17/25 09:45	06/17/25 23:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1580		50.0		mg/Kg			06/17/25 15:44	5

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

Client Sample ID: CFS-09.1

Lab Sample ID: 820-19393-5

Date Collected: 06/13/25 13:40

Matrix: Solid

Date Received: 06/16/25 09:50

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		06/17/25 12:30	06/17/25 17:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/17/25 12:30	06/17/25 17:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/17/25 12:30	06/17/25 17:11	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/17/25 12:30	06/17/25 17:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/17/25 12:30	06/17/25 17:11	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/17/25 12:30	06/17/25 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				06/17/25 12:30	06/17/25 17:11	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/17/25 12:30	06/17/25 17:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			06/17/25 17:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			06/17/25 23:57	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	<49.6	U	49.6		mg/Kg		06/17/25 09:45	06/17/25 23:57	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		06/17/25 09:45	06/17/25 23:57	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		06/17/25 09:45	06/17/25 23:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				06/17/25 09:45	06/17/25 23:57	1
o-Terphenyl	138	S1+	70 - 130				06/17/25 09:45	06/17/25 23:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3950	F1	50.4		mg/Kg			06/17/25 15:51	5

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
820-19393-1	CWS-03.1	99	94
820-19393-2	CWS-06.1	100	95
820-19393-3	CWS-11.1	96	92
820-19393-4	CWS-19.1	101	95
820-19393-5	CFS-09.1	100	91
880-59348-A-41-E MS	Matrix Spike	87	88
880-59348-A-41-F MSD	Matrix Spike Duplicate	89	91
LCS 880-112385/1-A	Lab Control Sample	86	90
LCSD 880-112385/2-A	Lab Control Sample Dup	86	91
MB 880-112385/5-A	Method Blank	92	88
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)
820-19393-1	CWS-03.1	134 S1+	137 S1+
820-19393-2	CWS-06.1	138 S1+	140 S1+
820-19393-3	CWS-11.1	139 S1+	142 S1+
820-19393-4	CWS-19.1	134 S1+	138 S1+
820-19393-5	CFS-09.1	134 S1+	138 S1+
890-8295-A-1-D MS	Matrix Spike	137 S1+	123
890-8295-A-1-E MSD	Matrix Spike Duplicate	131 S1+	122
LCS 880-112398/2-A	Lab Control Sample	122	117
LCSD 880-112398/3-A	Lab Control Sample Dup	135 S1+	126
MB 880-112398/1-A	Method Blank	89	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-112385/5-A

Matrix: Solid

Analysis Batch: 112391

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112385

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/17/25 08:14	06/17/25 11:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/17/25 08:14	06/17/25 11:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/17/25 08:14	06/17/25 11:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/17/25 08:14	06/17/25 11:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/17/25 08:14	06/17/25 11:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/17/25 08:14	06/17/25 11:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	06/17/25 08:14	06/17/25 11:42	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/17/25 08:14	06/17/25 11:42	1

Lab Sample ID: LCS 880-112385/1-A

Matrix: Solid

Analysis Batch: 112391

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112385

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09153		mg/Kg		92	70 - 130
Toluene	0.100	0.08094		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.08645		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1762		mg/Kg		88	70 - 130
o-Xylene	0.100	0.08977		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-112385/2-A

Matrix: Solid

Analysis Batch: 112391

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112385

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1098		mg/Kg		110	70 - 130	18	35
Toluene	0.100	0.09730		mg/Kg		97	70 - 130	18	35
Ethylbenzene	0.100	0.1005		mg/Kg		100	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.2031		mg/Kg		102	70 - 130	14	35
o-Xylene	0.100	0.1015		mg/Kg		101	70 - 130	12	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-59348-A-41-E MS

Matrix: Solid

Analysis Batch: 112391

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 112385

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09490		mg/Kg		95	70 - 130

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

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

Lab Sample ID: 880-59348-A-41-E MS

Matrix: Solid

Analysis Batch: 112391

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 112385

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	<0.00200	U	0.100	0.07696		mg/Kg		77	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07404		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1506		mg/Kg		75	70 - 130
o-Xylene	<0.00200	U	0.100	0.07605		mg/Kg		76	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	87		70 - 130						
1,4-Difluorobenzene (Surr)	88		70 - 130						

Lab Sample ID: 880-59348-A-41-F MSD

Matrix: Solid

Analysis Batch: 112391

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 112385

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	0.09250		mg/Kg		93	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.07349		mg/Kg		73	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.07196		mg/Kg		72	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1462		mg/Kg		73	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.07395		mg/Kg		74	70 - 130	3	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	89		70 - 130								
1,4-Difluorobenzene (Surr)	91		70 - 130								

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

Lab Sample ID: MB 880-112398/1-A

Matrix: Solid

Analysis Batch: 112426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112398

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		06/17/25 09:45	06/17/25 20:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/17/25 09:45	06/17/25 20:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/17/25 09:45	06/17/25 20:27	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	89		70 - 130						
o-Terphenyl	96		70 - 130						

Lab Sample ID: LCS 880-112398/2-A

Matrix: Solid

Analysis Batch: 112426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1031		mg/Kg		103	70 - 130

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

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

Lab Sample ID: LCS 880-112398/2-A

Matrix: Solid

Analysis Batch: 112426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112398

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics (Over C10-C28)			1000	879.0		mg/Kg		88	70 - 130		
		LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	122		70 - 130								
o-Terphenyl	117		70 - 130								

Lab Sample ID: LCSD 880-112398/3-A

Matrix: Solid

Analysis Batch: 112426

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112398

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1154		mg/Kg		115	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	928.0		mg/Kg		93	70 - 130	5	20
				LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	135	S1+	70 - 130								
o-Terphenyl	126		70 - 130								

Lab Sample ID: 890-8295-A-1-D MS

Matrix: Solid

Analysis Batch: 112426

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 112398

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	929.9		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	830.5		mg/Kg		81	70 - 130		

Lab Sample ID: 890-8295-A-1-E MSD

Matrix: Solid

Analysis Batch: 112426

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 112398

	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	<49.9	U	1000	895.7		mg/Kg		90	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	821.1		mg/Kg		80	70 - 130	1	20
				</							

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-112381/1-A

Matrix: Solid

Analysis Batch: 112386

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			06/17/25 09:37	1

Lab Sample ID: LCS 880-112381/2-A

Matrix: Solid

Analysis Batch: 112386

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.4		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-112381/3-A

Matrix: Solid

Analysis Batch: 112386

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	257.2		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 820-19393-5 MS

Matrix: Solid

Analysis Batch: 112386

Client Sample ID: CFS-09.1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3950	F1	1260	5393	F1	mg/Kg		114	90 - 110

Lab Sample ID: 820-19393-5 MSD

Matrix: Solid

Analysis Batch: 112386

Client Sample ID: CFS-09.1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3950	F1	1260	5366	F1	mg/Kg		112	90 - 110	1	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

GC VOA

Prep Batch: 112385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19393-1	CWS-03.1	Total/NA	Solid	5035	
820-19393-2	CWS-06.1	Total/NA	Solid	5035	
820-19393-3	CWS-11.1	Total/NA	Solid	5035	
820-19393-4	CWS-19.1	Total/NA	Solid	5035	
820-19393-5	CFS-09.1	Total/NA	Solid	5035	
MB 880-112385/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-112385/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-112385/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-59348-A-41-E MS	Matrix Spike	Total/NA	Solid	5035	
880-59348-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 112391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19393-1	CWS-03.1	Total/NA	Solid	8021B	112385
820-19393-2	CWS-06.1	Total/NA	Solid	8021B	112385
820-19393-3	CWS-11.1	Total/NA	Solid	8021B	112385
820-19393-4	CWS-19.1	Total/NA	Solid	8021B	112385
820-19393-5	CFS-09.1	Total/NA	Solid	8021B	112385
MB 880-112385/5-A	Method Blank	Total/NA	Solid	8021B	112385
LCS 880-112385/1-A	Lab Control Sample	Total/NA	Solid	8021B	112385
LCSD 880-112385/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	112385
880-59348-A-41-E MS	Matrix Spike	Total/NA	Solid	8021B	112385
880-59348-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	112385

Analysis Batch: 112525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19393-1	CWS-03.1	Total/NA	Solid	Total BTEX	
820-19393-2	CWS-06.1	Total/NA	Solid	Total BTEX	
820-19393-3	CWS-11.1	Total/NA	Solid	Total BTEX	
820-19393-4	CWS-19.1	Total/NA	Solid	Total BTEX	
820-19393-5	CFS-09.1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 112398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19393-1	CWS-03.1	Total/NA	Solid	8015NM Prep	
820-19393-2	CWS-06.1	Total/NA	Solid	8015NM Prep	
820-19393-3	CWS-11.1	Total/NA	Solid	8015NM Prep	
820-19393-4	CWS-19.1	Total/NA	Solid	8015NM Prep	
820-19393-5	CFS-09.1	Total/NA	Solid	8015NM Prep	
MB 880-112398/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-112398/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-112398/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8295-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8295-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 112426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19393-1	CWS-03.1	Total/NA	Solid	8015B NM	112398

Eurofins Lubbock

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

GC Semi VOA (Continued)

Analysis Batch: 112426 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19393-2	CWS-06.1	Total/NA	Solid	8015B NM	112398
820-19393-3	CWS-11.1	Total/NA	Solid	8015B NM	112398
820-19393-4	CWS-19.1	Total/NA	Solid	8015B NM	112398
820-19393-5	CFS-09.1	Total/NA	Solid	8015B NM	112398
MB 880-112398/1-A	Method Blank	Total/NA	Solid	8015B NM	112398
LCS 880-112398/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	112398
LCSD 880-112398/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	112398
890-8295-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	112398
890-8295-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	112398

Analysis Batch: 112488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19393-1	CWS-03.1	Total/NA	Solid	8015 NM	
820-19393-2	CWS-06.1	Total/NA	Solid	8015 NM	
820-19393-3	CWS-11.1	Total/NA	Solid	8015 NM	
820-19393-4	CWS-19.1	Total/NA	Solid	8015 NM	
820-19393-5	CFS-09.1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 112381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19393-1	CWS-03.1	Soluble	Solid	DI Leach	
820-19393-2	CWS-06.1	Soluble	Solid	DI Leach	
820-19393-3	CWS-11.1	Soluble	Solid	DI Leach	
820-19393-4	CWS-19.1	Soluble	Solid	DI Leach	
820-19393-5	CFS-09.1	Soluble	Solid	DI Leach	
MB 880-112381/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-112381/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-112381/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-19393-5 MS	CFS-09.1	Soluble	Solid	DI Leach	
820-19393-5 MSD	CFS-09.1	Soluble	Solid	DI Leach	

Analysis Batch: 112386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19393-1	CWS-03.1	Soluble	Solid	300.0	112381
820-19393-2	CWS-06.1	Soluble	Solid	300.0	112381
820-19393-3	CWS-11.1	Soluble	Solid	300.0	112381
820-19393-4	CWS-19.1	Soluble	Solid	300.0	112381
820-19393-5	CFS-09.1	Soluble	Solid	300.0	112381
MB 880-112381/1-A	Method Blank	Soluble	Solid	300.0	112381
LCS 880-112381/2-A	Lab Control Sample	Soluble	Solid	300.0	112381
LCSD 880-112381/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	112381
820-19393-5 MS	CFS-09.1	Soluble	Solid	300.0	112381
820-19393-5 MSD	CFS-09.1	Soluble	Solid	300.0	112381

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

Client Sample ID: CWS-03.1

Lab Sample ID: 820-19393-1

Date Collected: 06/13/25 13:00

Matrix: Solid

Date Received: 06/16/25 09:50

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	112385	06/17/25 12:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112391	06/17/25 14:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			112525	06/17/25 14:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			112488	06/17/25 22:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	112398	06/17/25 09:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112426	06/17/25 22:58	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	112381	06/16/25 11:27	SMC	EET MID
Soluble	Analysis	300.0		1			112386	06/17/25 15:22	CH	EET MID

Client Sample ID: CWS-06.1

Lab Sample ID: 820-19393-2

Date Collected: 06/13/25 13:10

Matrix: Solid

Date Received: 06/16/25 09:50

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	112385	06/17/25 12:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112391	06/17/25 15:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			112525	06/17/25 15:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			112488	06/17/25 23:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	112398	06/17/25 09:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112426	06/17/25 23:12	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	112381	06/16/25 11:27	SMC	EET MID
Soluble	Analysis	300.0		5			112386	06/17/25 15:29	CH	EET MID

Client Sample ID: CWS-11.1

Lab Sample ID: 820-19393-3

Date Collected: 06/13/25 13:20

Matrix: Solid

Date Received: 06/16/25 09:50

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	112385	06/17/25 12:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112391	06/17/25 16:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			112525	06/17/25 16:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			112488	06/17/25 23:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	112398	06/17/25 09:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112426	06/17/25 23:27	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	112381	06/16/25 11:27	SMC	EET MID
Soluble	Analysis	300.0		1			112386	06/17/25 15:36	CH	EET MID

Client Sample ID: CWS-19.1

Lab Sample ID: 820-19393-4

Date Collected: 06/13/25 13:30

Matrix: Solid

Date Received: 06/16/25 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	112385	06/17/25 12:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112391	06/17/25 16:51	MNR	EET MID

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

Client Sample ID: CWS-19.1

Lab Sample ID: 820-19393-4

Date Collected: 06/13/25 13:30

Matrix: Solid

Date Received: 06/16/25 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Total BTEX		1			112525	06/17/25 16:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			112488	06/17/25 23:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	112398	06/17/25 09:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112426	06/17/25 23:42	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	112381	06/16/25 11:27	SMC	EET MID
Soluble	Analysis	300.0		5			112386	06/17/25 15:44	CH	EET MID

Client Sample ID: CFS-09.1

Lab Sample ID: 820-19393-5

Date Collected: 06/13/25 13:40

Matrix: Solid

Date Received: 06/16/25 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	112385	06/17/25 12:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112391	06/17/25 17:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			112525	06/17/25 17:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			112488	06/17/25 23:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	112398	06/17/25 09:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112426	06/17/25 23:57	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	112381	06/16/25 11:27	SMC	EET MID
Soluble	Analysis	300.0		5			112386	06/17/25 15:51	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

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	06-30-25

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

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

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: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident #
nAPP2420035294

Job ID: 820-19393-1
SDG: Eddy County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
820-19393-1	CWS-03.1	Solid	06/13/25 13:00	06/16/25 09:50
820-19393-2	CWS-06.1	Solid	06/13/25 13:10	06/16/25 09:50
820-19393-3	CWS-11.1	Solid	06/13/25 13:20	06/16/25 09:50
820-19393-4	CWS-19.1	Solid	06/13/25 13:30	06/16/25 09:50
820-19393-5	CFS-09.1	Solid	06/13/25 13:40	06/16/25 09:50

19393

4145 Greenbriar Dr., Stafford, TX 77477
(281) 240-4200

820-19393 Chain of Custody

CHAIN-OF-CUSTODY AND ANALYSIS RECORD

[illegible]

Eurofins Lubbock

6701 Aberdeen Ave. Suite 8
Lubbock, TX 79424
Phone: 806-794-1296

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)

Client Contact:
Shipping/Receiving
Company:
Eurofins Environment Testing South Cent

Sampler:
N/A
Phone:
N/A

Lab PM:
Kramer, Jessica
E-Mail:
Jessica.Kramer@eurofins.com

Carrier Tracking No(s):
N/A
State of Origin:
New Mexico

COC No:
820-10820.1
Page:
Page 1 of 1

Job #:
820-19393-1
Preservation Codes:

Address:
1211 W. Florida Ave.
City:
Midland
State, Zip:
TX, 79701

Due Date Requested:
6/18/2025
TAT Requested (days):
N/A

Accreditations Required (See note):
NELAP - Texas

Analysis Requested

Other:
N/A

Phone:
432-704-5440(Tel)
Email:
N/A
Project Name:
Longview Fed 1-21H / OCD Incident # nAPP2420035294
Site:
N/A

PO #:
N/A
WO #:
N/A
Project #:
89000174
SSOW#:
N/A

Field Filtered Sample (Yes or No)
Perform MS/MSD (Yes or No)
8016MOD_Calc
8016MOD_NM/8016NM_S_Prep Full TPH
300_ORGFM_28D/DI_LEACH Chloride
8021B/5035FP_Calc BTEX
Total_BTEX_GCV

Total Number of containers

Special Instructions/Note:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=oil, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8016MOD_Calc	8016MOD_NM/8016NM_S_Prep Full TPH	300_ORGFM_28D/DI_LEACH Chloride	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
CWS-03.1 (820-19393-1)	6/13/25	13:00	G	Solid		X	X	X	X	X	X	1	
CWS-06.1 (820-19393-2)	6/13/25	13:10	G	Solid		X	X	X	X	X	X	1	
CWS-11.1 (820-19393-3)	6/13/25	13:20	G	Solid		X	X	X	X	X	X	1	
CWS-19.1 (820-19393-4)	6/13/25	13:30	G	Solid		X	X	X	X	X	X	1	
CFS-08.1 (820-19393-5)	6/13/25	13:40	G	Solid		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/shipment 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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Empty Kit Relinquished by:

Date:

Time:

Method of Shipment:

Company

Relinquished by:

Date/Time:

Company

Received by:

Date/Time:

Company

Relinquished by:

Date/Time:

Company

Received by:

Date/Time:

Company

Custody Seals Intact: A Yes A No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

IR-8

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-19393-1

SDG Number: Eddy County

Login Number: 19393

List Number: 1

Creator: Guillen, Kyrstin

List Source: Eurofins Lubbock

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.	True	
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: Terracon Consulting Eng & Scientists

Job Number: 820-19393-1

SDG Number: Eddy County

Login Number: 19393

List Number: 2

Creator: Lee, Randall

List Source: Eurofins Midland

List Creation: 06/17/25 11:02 AM

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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Chuck Smith
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 6/24/2025 4:48:42 PM

JOB DESCRIPTION

Longview Fed 1-21H / OCD Incident #nAPP2420035294
Eddy County

JOB NUMBER

820-19507-1

Eurofins Lubbock

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.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident
#nAPP2420035294

Job ID: 820-19507-1
SDG: Eddy County

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
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: Terracon Consulting Eng & Scientists
Project: Longview Fed 1-21H / OCD Incident #nAPP2420035294

Job ID: 820-19507-1

Job ID: 820-19507-1

Eurofins Lubbock

Job Narrative 820-19507-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 6/20/2025 10:40 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-112767 and analytical batch 880-112828 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-112767 and analytical batch 880-112828 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-112767/2-A). 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.

HPLC/IC

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

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident
#nAPP2420035294

Job ID: 820-19507-1
SDG: Eddy County

Client Sample ID: BF-01

Lab Sample ID: 820-19507-1

Date Collected: 06/12/25 15:15

Matrix: Solid

Date Received: 06/20/25 10:40

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		06/23/25 09:47	06/23/25 13:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/23/25 09:47	06/23/25 13:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/23/25 09:47	06/23/25 13:37	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		06/23/25 09:47	06/23/25 13:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/23/25 09:47	06/23/25 13:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/23/25 09:47	06/23/25 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/23/25 09:47	06/23/25 13:37	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/23/25 09:47	06/23/25 13:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/23/25 13:37	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			06/23/25 17:46	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	<49.8	U	49.8		mg/Kg		06/23/25 10:11	06/23/25 17:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		06/23/25 10:11	06/23/25 17:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/23/25 10:11	06/23/25 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	06/23/25 10:11	06/23/25 17:46	1
o-Terphenyl	125		70 - 130	06/23/25 10:11	06/23/25 17:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		9.94		mg/Kg			06/23/25 09:18	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident
#nAPP2420035294

Job ID: 820-19507-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
820-19507-1	BF-01	105	101
890-8321-A-1-C MS	Matrix Spike	89	87
890-8321-A-1-D MSD	Matrix Spike Duplicate	95	93
LCS 880-112746/1-A	Lab Control Sample	95	93
LCSD 880-112746/2-A	Lab Control Sample Dup	91	89
MB 880-112746/5-A	Method Blank	97	94

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)
820-19507-1	BF-01	122	125
820-19507-1 MS	BF-01	124	119
820-19507-1 MSD	BF-01	123	119
LCS 880-112767/2-A	Lab Control Sample	138 S1+	133 S1+
LCSD 880-112767/3-A	Lab Control Sample Dup	82	77
MB 880-112767/1-A	Method Blank	130	131 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident
#nAPP2420035294

Job ID: 820-19507-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-112746/5-A

Matrix: Solid

Analysis Batch: 112726

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112746

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/23/25 09:47	06/23/25 12:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/23/25 09:47	06/23/25 12:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/23/25 09:47	06/23/25 12:14	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		06/23/25 09:47	06/23/25 12:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/23/25 09:47	06/23/25 12:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/23/25 09:47	06/23/25 12:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	06/23/25 09:47	06/23/25 12:14	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/23/25 09:47	06/23/25 12:14	1

Lab Sample ID: LCS 880-112746/1-A

Matrix: Solid

Analysis Batch: 112726

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1071		mg/Kg		107	70 - 130
Toluene	0.100	0.1020		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1050		mg/Kg		105	70 - 130
m,p-Xylenes	0.200	0.2145		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1075		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-112746/2-A

Matrix: Solid

Analysis Batch: 112726

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112746

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1057		mg/Kg		106	70 - 130	1	35
Toluene	0.100	0.1008		mg/Kg		101	70 - 130	1	35
Ethylbenzene	0.100	0.1042		mg/Kg		104	70 - 130	1	35
m,p-Xylenes	0.200	0.2109		mg/Kg		105	70 - 130	2	35
o-Xylene	0.100	0.1060		mg/Kg		106	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 890-8321-A-1-C MS

Matrix: Solid

Analysis Batch: 112726

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 112746

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09756		mg/Kg		98	70 - 130

Eurofins Lubbock

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident
#nAPP2420035294

Job ID: 820-19507-1
SDG: Eddy County

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

Lab Sample ID: 890-8321-A-1-C MS

Matrix: Solid

Analysis Batch: 112726

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 112746

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	<0.00200	U	0.100	0.09394		mg/Kg		94	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09858		mg/Kg		99	70 - 130
m,p-Xylenes	<0.00401	U	0.200	0.2028		mg/Kg		101	70 - 130
o-Xylene	<0.00200	U	0.100	0.1017		mg/Kg		102	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	89		70 - 130						
1,4-Difluorobenzene (Surr)	87		70 - 130						

Lab Sample ID: 890-8321-A-1-D MSD

Matrix: Solid

Analysis Batch: 112726

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 112746

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	0.1100		mg/Kg		110	70 - 130	12	35
Toluene	<0.00200	U	0.100	0.1038		mg/Kg		104	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.100	0.1102		mg/Kg		110	70 - 130	11	35
m,p-Xylenes	<0.00401	U	0.200	0.2271		mg/Kg		114	70 - 130	11	35
o-Xylene	<0.00200	U	0.100	0.1119		mg/Kg		112	70 - 130	10	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	95		70 - 130								
1,4-Difluorobenzene (Surr)	93		70 - 130								

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

Lab Sample ID: MB 880-112767/1-A

Matrix: Solid

Analysis Batch: 112828

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112767

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		06/23/25 10:10	06/23/25 09:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/23/25 10:10	06/23/25 09:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/23/25 10:10	06/23/25 09:14	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	130		70 - 130						
o-Terphenyl	131	S1+	70 - 130						

Lab Sample ID: LCS 880-112767/2-A

Matrix: Solid

Analysis Batch: 112828

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1247		mg/Kg		125	70 - 130

Eurofins Lubbock

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident
#nAPP2420035294

Job ID: 820-19507-1
SDG: Eddy County

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

Lab Sample ID: LCS 880-112767/2-A

Matrix: Solid

Analysis Batch: 112828

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112767

				Spike	LCS	LCS					
Analyte				Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits
Diesel Range Organics (Over C10-C28)				1000	1212		mg/Kg		121		70 - 130
				LCS	LCS						
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	138	S1+	70 - 130								
o-Terphenyl	133	S1+	70 - 130								

Lab Sample ID: LCSD 880-112767/3-A

Matrix: Solid

Analysis Batch: 112828

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112767

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1069		mg/Kg		107	70 - 130	15	20
Diesel Range Organics (Over C10-C28)			1000	869.3	*1	mg/Kg		87	70 - 130	33	20
Surrogate	LCSD		Limits								
	%Recovery	Qualifier									
1-Chlorooctane	82		70 - 130								
o-Terphenyl	77		70 - 130								

Lab Sample ID: 820-19507-1 MS

Matrix: Solid

Analysis Batch: 112828

Client Sample ID: BF-01

Prep Type: Total/NA

Prep Batch: 112767

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	967.8		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U *1	999	824.8		mg/Kg		83	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	MS Limits								
1-Chlorooctane	124		70 - 130								
o-Terphenyl	119		70 - 130								

Lab Sample ID: 820-19507-1 MSD

Matrix: Solid

Analysis Batch: 112828

Client Sample ID: BF-01

Prep Type: Total/NA

Prep Batch: 112767

	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	<49.8	U	999	953.6		mg/Kg		95	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U *1	999	822.7		mg/Kg		82	70 - 130	0	20
		</									

Eurofins Lubbock

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident
#nAPP2420035294

Job ID: 820-19507-1
SDG: Eddy County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-112724/1-A

Matrix: Solid

Analysis Batch: 112728

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			06/23/25 08:56	1

Lab Sample ID: LCS 880-112724/2-A

Matrix: Solid

Analysis Batch: 112728

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.5		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-112724/3-A

Matrix: Solid

Analysis Batch: 112728

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	236.8		mg/Kg		95	90 - 110	2	20

Lab Sample ID: 820-19507-1 MS

Matrix: Solid

Analysis Batch: 112728

Client Sample ID: BF-01

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	119		249	368.6		mg/Kg		101	90 - 110

Lab Sample ID: 820-19507-1 MSD

Matrix: Solid

Analysis Batch: 112728

Client Sample ID: BF-01

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	119		249	369.7		mg/Kg		101	90 - 110	0	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident
#nAPP2420035294

Job ID: 820-19507-1
SDG: Eddy County

GC VOA

Analysis Batch: 112726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19507-1	BF-01	Total/NA	Solid	8021B	112746
MB 880-112746/5-A	Method Blank	Total/NA	Solid	8021B	112746
LCS 880-112746/1-A	Lab Control Sample	Total/NA	Solid	8021B	112746
LCSD 880-112746/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	112746
890-8321-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	112746
890-8321-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	112746

Prep Batch: 112746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19507-1	BF-01	Total/NA	Solid	5035	
MB 880-112746/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-112746/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-112746/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8321-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-8321-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 112816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19507-1	BF-01	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 112767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19507-1	BF-01	Total/NA	Solid	8015NM Prep	
MB 880-112767/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-112767/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-112767/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
820-19507-1 MS	BF-01	Total/NA	Solid	8015NM Prep	
820-19507-1 MSD	BF-01	Total/NA	Solid	8015NM Prep	

Analysis Batch: 112828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19507-1	BF-01	Total/NA	Solid	8015B NM	112767
MB 880-112767/1-A	Method Blank	Total/NA	Solid	8015B NM	112767
LCS 880-112767/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	112767
LCSD 880-112767/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	112767
820-19507-1 MS	BF-01	Total/NA	Solid	8015B NM	112767
820-19507-1 MSD	BF-01	Total/NA	Solid	8015B NM	112767

Analysis Batch: 112905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19507-1	BF-01	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 112724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19507-1	BF-01	Soluble	Solid	DI Leach	
MB 880-112724/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-112724/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Eurofins Lubbock

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident
#nAPP2420035294

Job ID: 820-19507-1
SDG: Eddy County

HPLC/IC (Continued)

Leach Batch: 112724 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-112724/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-19507-1 MS	BF-01	Soluble	Solid	DI Leach	
820-19507-1 MSD	BF-01	Soluble	Solid	DI Leach	

Analysis Batch: 112728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19507-1	BF-01	Soluble	Solid	300.0	112724
MB 880-112724/1-A	Method Blank	Soluble	Solid	300.0	112724
LCS 880-112724/2-A	Lab Control Sample	Soluble	Solid	300.0	112724
LCSD 880-112724/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	112724
820-19507-1 MS	BF-01	Soluble	Solid	300.0	112724
820-19507-1 MSD	BF-01	Soluble	Solid	300.0	112724

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident
#nAPP2420035294

Job ID: 820-19507-1
SDG: Eddy County

Client Sample ID: BF-01
Date Collected: 06/12/25 15:15
Date Received: 06/20/25 10:40

Lab Sample ID: 820-19507-1
Matrix: Solid

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	112746	06/23/25 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112726	06/23/25 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			112816	06/23/25 13:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			112905	06/23/25 17:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	112767	06/23/25 10:11	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112828	06/23/25 17:46	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	112724	06/23/25 07:58	SA	EET MID
Soluble	Analysis	300.0		1			112728	06/23/25 09:18	SI	EET MID

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

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident
#nAPP2420035294

Job ID: 820-19507-1
SDG: Eddy County

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	06-30-25

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

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident
#nAPP2420035294

Job ID: 820-19507-1
SDG: Eddy County

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: Terracon Consulting Eng & Scientists
Project/Site: Longview Fed 1-21H / OCD Incident
#nAPP2420035294

Job ID: 820-19507-1
SDG: Eddy County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
820-19507-1	BF-01	Solid	06/12/25 15:15	06/20/25 10:40

1
2
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14

Loc: 820

19507

eurofins

15 Greenbriar Dr., Stafford, TX 77477
(281) 240-4200

CHAIN-OF-CUSTODY AND ANALYSIS



820-19507 Chain of Custody

Company Name: Terracon		BILL TO:		P.O. #: WO-21373173		ANALYSIS REQUEST	
Project Manager: Chuck Smith		Company: Devon Energy		Address: 5847 50th Street		X Chloride (EPA Method 300.0)	
City: Lubbock		State: TX		Zip: 79424		X TPH Extended 8015	
Phone #: 806-300-0140		Attn: Jim Raley		Address: 205 E. Bender Rd.		X BTEX (EPA Method 8021B)	
Project #: KH247040		Project Owner: Devon Energy		City: Carlsbad			
Project Name: Longview Fed 1-21H / OCD Incident # nAPP2420035294		State: NM					
Project Location: Eddy County		Phone #:					
Sampler Name: Zach Mueller		Fax #:					
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING	
Lab I.D.		Depth (ft)		ACID/BASE:		DATE	
Sample I.D.		BF-01		X ICE / COOL		6/19/2025	
				OTHER :		TIME	
				SLUDGE		15:15	
				OIL			
				WASTEWATER			
				GROUNDWATER			
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				(G) RAB OR (C) OMP.			
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				SLUDGE			

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-19507-1

SDG Number: Eddy County

Login Number: 19507

List Number: 1

Creator: Pena, Yazmeane

List Source: Eurofins Lubbock

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: Terracon Consulting Eng & Scientists

Job Number: 820-19507-1

SDG Number: Eddy County

Login Number: 19507

List Number: 2

Creator: Lee, Randall

List Source: Eurofins Midland

List Creation: 06/23/25 07:53 AM

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	

APPENDIX D – TERRACON STANDARD OF CARE, LIMITATION, AND RELIANCE

Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time. Terracon makes no warranties, either express or implied, regarding the findings, conclusions, or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report. These services were performed in accordance with the MSA agreed with you, Devon Energy Production Company, LP.

Additional Scope Limitations

The development of this Reclamation Workplan Report is based upon information provided by Devon Energy Production Company, LP. Such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, nondetectable, or not present during these services. We cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those by information provided by Devon Energy Production Company, LP. The data, interpretations, findings, and recommendations are based solely upon reformation executed within the scope of these services.

Reliance

This report has been prepared for the exclusive use of Devon Energy Production Company, LP, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of Devon Energy Production Company, LP, and Terracon. Any unauthorized distribution or reuse is at Devon Energy Production Company, LP sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the proposal and Devon Energy Production Company, LP, and Terracon's Master Services Agreement. The limitation of liability defined in the terms and conditions is the aggregate limit of Terracon's liability to Devon Energy Production Company, LP, and all relying parties unless otherwise agreed in writing.

Released to Imaging: 8/10/2022 10:00:00 AM

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 487283

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 487283
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420035294
Incident Name	NAPP2420035294 LONGVIEW FEDERAL 1 #021H @ 30-015-40651
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-40651] LONGVIEW FEDERAL 1 #021H

Location of Release Source*Please answer all the questions in this group.*

Site Name	LONGVIEW FEDERAL 1 #021H
Date Release Discovered	07/18/2024
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: Equipment Failure Other (Specify) Crude Oil Released: 15 BBL Recovered: 3 BBL Lost: 12 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Oil was leaking from the stuffing box onto the pad. Estimated 14.8 bbls spilled. Closed BOP rams to stop leak. Packing replaced on well. Trucks dispatched for recovery. 3 bbls recovered.

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QUESTIONS, Page 2

Action 487283

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 487283
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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	Trucks dispatched for recovery. 3 bbls recovered.

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: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 07/22/2025
--	---

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QUESTIONS, Page 3

Action 487283

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 487283
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	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	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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)	27600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	33830
GRO+DRO (EPA SW-846 Method 8015M)	26800
BTEX (EPA SW-846 Method 8021B or 8260B)	0
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	05/19/2025
On what date will (or did) the final sampling or liner inspection occur	06/02/2025
On what date will (or was) the remediation complete(d)	06/02/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	4940
What is the estimated volume (in cubic yards) that will be remediated	366
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 487283

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 487283
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	FEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<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: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 04/28/2025
<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

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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 5

Action 487283

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 487283
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

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Action 487283

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 487283
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	473427
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/13/2025
What was the (estimated) number of samples that were to be gathered	8
What was the sampling surface area in square feet	865

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	5538
What was the total volume (cubic yards) remediated	788
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 07/22/2025

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Action 487283

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 487283
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 487283

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 487283
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations.	9/10/2025