Remediation Closure Report

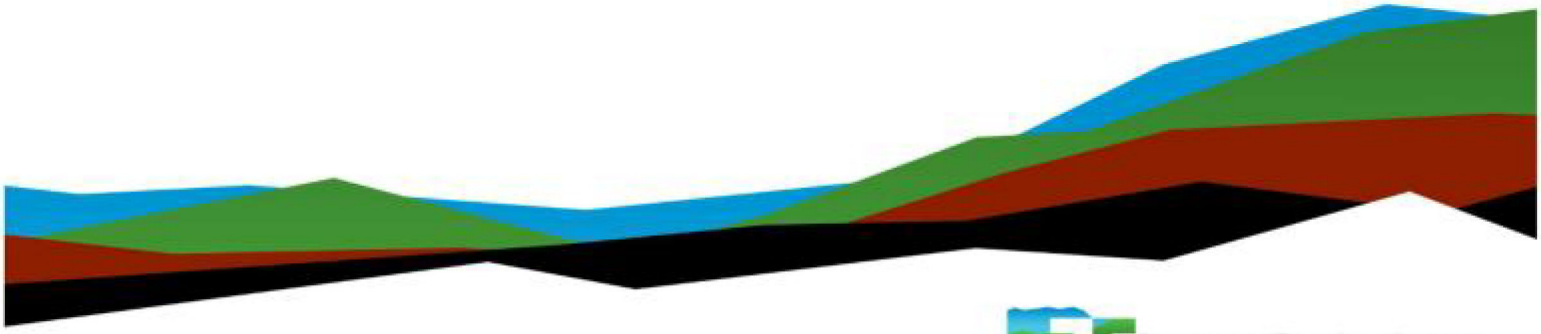
WDDU #88

NMOCD Incident No. nPAC0616632139

Lea County, New Mexico

February 9, 2026 | Project No. AR257100

Prepared for:
Scout Energy Management, LLC
13800 Montfort Dr.
Dallas, TX 75240



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February 9, 2026

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: Remediation Closure Report
Scout Energy Management, LLC.
West Dollarhide Drinkard Unit (WDDU) #88
API No. 30-025-12387
NMOCD Incident No: nPAC0616632139
Unit D, Section 5, Township 25 South, Range 38 East
Lea County, New Mexico
GPS: 32.164848°, -103.075990°
Terracon Project No. AR257100

Dear Sir or Madam:

Terracon Consultants, Inc. (Terracon), on behalf of Scout Energy Management, LLC. (Scout), has prepared this remediation closure report for the West Dollarhide Drinkard Unit (WDDU) #88 site. The report has been developed in accordance with requirements of the New Mexico State Land Office Environmental Compliance Office (ECO), and New Mexico Oil Conservation Division (NMOCD) regulations concerning the reclamation of a former Oil and Gas production site.

Should you have any questions or require additional information, please do not hesitate to contact us at the numbers/email addresses below.

Sincerely,
Terracon Consultants, Inc.

Chuck Smith
Senior Project Manager
chuck.smith@terracon.com
713-857-7590

John Grams, P.G. (TX)
Senior Geologist
john.grams@terracon.com
612-865-4899

Enclosure

CC: State Land Office Environmental Compliance Office

Received by OCD: 2/10/2026 10:10:39 AM

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APPENDICES

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Appendix D – NMSLO Cultural Resources Cover Sheet
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1.0 Introduction

Responsible Party:	The site is operated by Scout Energy Management, LLC. OGRID #: 330949	
Contact:	Mr. Spencer Jackson	P: (972) 505-3842 E: spencer.jackson@scoutep.com
Site Name:	WDDU #88	
API #:	30-025-12387	
NMSLO Lease #:		
NMSLO Lessee:	Scout Energy Management, LLC.	
ROE for Remediation#:	n/a	
Public Land Survey:	Unit D, Section 5, Township 25 South, Range 38 East	
County:	Lea County, NM	
Latitude/Longitude:	32.1647339, -103.0755844	
Facility Description:	WDDU #88 is the site of a former oil well that was plugged in 2020 and is currently listed as plugged and released. The area around the site is predominantly undeveloped native State-owned pastureland. A Topographic Map and Site location Map are included in Figure 1, and Figure 2, respectively.	
NMOCD Incident(s):	Incident ID No: nPAC0616632139; Case No: 1RP-925	
Type of Discharge:	Produced Water	
Quantity Spilled:	Total Fluids: 100 bbls	Volume Recovered: 60 bbls
Incident Description:	Chevron, the prior operator of the site, reported an incident which occurred on May 24, 2006. The incident was reportedly the result of a steel flowline that failed due to corrosion, releasing approximately 4.4 barrels (bbls) of oil and 95.6 bbls of produced water. The New Mexico Oil Conservation District (NMOCD) was informed of the incident on May 24, 2006.	
Immediate Corrective Actions:	A vacuum truck was immediately dispatched to the location and recovered 60 bbls of produced water.	

2.0 Site/Project History

2.1 NMOCD Records

On April 21,2025, Scout submitted an application to the Texas Railroad Commission (RRC) under the "*Produced Water Beneficial Reuse Framework for Pilot Study Authorization dated January 8, 2024".* The application proposed removal of 18,000 cubic yards of produced water impacted soils from Scout leases in New Mexico (NM) and transporting the soils to Scout leases in Texas (TX) for use in repairing well pads and lease roads.

NMOCD approved the plan in October 2024, and on June 4, 2025, the RRC issued Letter of Authorization (20250604-LOA-0042-Permit) for a pilot project in accordance with Texas Administration Code (TAC) Title 16, Part1, Chapter 3.8 (Statewide Rule 8). A copy of LOA-0042 is included in Appendix C and NMOCD and RRC email correspondence is included in Appendix A. A brief chronology of project history is included below.

- **May 24, 2006**: A steel flowline that failed due to corrosion, releasing approximately 4.4 barrels (bbls) of oil and 95.6 bbls of produced water. Chevron was the operator at the time of the release.
- **May 25, 2006**: Chevron submitted the initial C-141 to the NMOCD.
- **June 13, 2006**: The NMOCD approved the C-141, remediation permit number 1RP-925 was assigned.
- **May 20, 2021**: Arcadis Us Inc. (Arcadis) on behalf of Chevron Environmental Management Company Submitted a 2021 Soil Assessment Report for Case No. 1RP-925 dated May 20, 2021.
- **October 1, 2021:** Scout purchased the lease from Chevron.
- **June 12, 2024:** Scout submitted a Remediation Work Plan.
- **July 12, 2024:** NMOCD approved the Remediation Work Plan via email.
- **October 11, 2024:** Scout requested NMOCD authorization to haul impacted soil from Scout owned properties in New Mexico to Scout owned properties in Texas.
- **October 30, 2024:** Scout obtained NMOCD approval to haul impacted soil from New Mexico to Texas.
- **November 13, 2024:** Revised Reclamation Workplan submitted to SLO.
- **November 14, 2024:** Scout requested RRC approval to bring affected soil from New Mexico to Texas.
- **November 21, 2024:** ECO approved revised Reclamation Work Plan.
- **April 21, 2025:** Scout submitted the pilot study application to the RRC.
- **June 4, 2025:** RRC issued Letter of Authorization (20250604-LOA-0042-Permit) for soil transport and reuse.
- **June 16, 2025:** RRC revised permit 20250604-LOA-0042 that superseded the LOA issued for June 4, 2025. The revised permit included updated soil testing parameters.
- **August 7, 2025**: Remedial activities commenced at WDDU #88.
- **October 9, 2025**: RRC amended permit 20250604-LOA-0042 that superseded the LOA issued for June 16, 2025. This revision increased the allowable volume of soil to be transported from 18,000 to 25,000 cubic yards.
- **January 16, 2025**: Remedial activities were completed.

2.2 Historical Aerial Imagery Review & Identification of Areas of Concern

Historical aerial imagery was reviewed in Google Earth Pro. Historical aerial images from 2008 are of low resolution and do not show evidence of the 2006 release reported by Chevron. Subsequent images from 02/2011, 11/2014, 02/2014, 11/2016, 11/2017 and 02/2019 show heavy truck traffic patterns but show no evidence of releases or dead vegetation beyond the roadways.

The image from 04/2020 appears to show an area of potential staining immediately around the well head. This image was apparently captured after plugging the well. This is the area that has been the focus of the remediation described in this report.

The image from 02/2023 shows the well pad having been reworked following plugging of the well. Historical Imagery Maps are included as Figure 2.1 through Figure 2.4.

2.3 Current Site Conditions

The site has been remediated and backfilled to existing grade and areas requiring revegetation have been reseeded with SLO seed mix for sandy loam (SL) soil.

3.0 Cultural Resources Compliance Statement

An Archaeological Records Management Section (ARMS) Review was completed for the remediation area as required by 1.10.15 NMAC. The results of this work were reported in the Terracon *Cultural Resources Assessment Report* dated August 28, 2024. As stated in this report, no archaeological sites were identified within the Project Area and Survey Area.

No unanticipated cultural materials were encountered during construction or disturbance activities. The Cultural Resources Assessment Report cover sheet is included in Appendix D.

4.0 Biological Compliance Statement

A Protected Species Habitat Desktop Review was conducted and submitted in the Terracon report titled *Desktop Protected Species Habitat Assessment,* dated November 10, 2025 (Appendix E). This review presents the following summary:

BGEPA (Bald and Golden Eagle Protection Act)

- No suitable foraging or nesting habitat for bald or golden eagles identified.
- Development within the project area is unlikely to result in eagle "take" under BGEPA.

MBTA (Migratory Bird Treaty Act)

- Project area may provide suitable nesting habitat for MBTA-protected bird species.
- Species on NMDFG Official List, including the Western burrowing owl and common nighthawk, could potentially nest in the area.

USFWS IPaC (Federally Listed Species)

- No suitable habitat for federally protected species, sensitive habitats, or designated critical habitats identified.

- Project area may offer marginal stop-over habitat for monarch butterfly (proposed threatened species).

State-Listed Species

- Project area may provide suitable habitat for state-listed Black-tailed prairie dog.
- If state-listed species are encountered during the project, activity should be halted and a qualified biologist should be contacted to determine the appropriate mitigation.

The common nighthawk typically nests during late spring through mid-summer, with primary nesting season in southeastern New Mexico occurring from May through July. The remediation work was performed outside the nighthawk nesting season, significantly reducing the likelihood of adverse impacts to this species. The timing of work aligns with seasonal restrictions commonly applied to protect ground-nesting birds. Furthermore, no ground-nesting birds or prairie dogs were observed during the remediation work.

5.0 Site Characterization Information

Site assessment/characterization as described in NMAC 19.15.29.11

	Site Ranking Characteristics		
Groundwater NMOSE Pod Location Map (Figure 3)	Boring Information: Talon Boring Log B-1 Depth of Well: 55 feet below ground surface (bgs) Depth to Groundwater: >55 feet bgs Distance to Well: 0.29 miles to the southwest Date Drilled: October 12, 2022. Notes: The boring log for this location is included as Appendix B. Additionally, the NMOSE database indicates there was a water well (CP 00514 POD1) approximately 0.06 miles north of the site with a groundwater depth of 105 feet bgs. Groundwater in the area of the site is predominately used for agriculture, industrial, or domestic use.		
	YES	NO	
Surace Water Assessment (refer to Regulatory Criteria Map Figure 4)	Distance to nearest significant watercourse		The nearest surface water identified in the area of the site is riverine located approximately 0.32 miles southeast of the site. The Pecos River is approximately 48.2 miles southwest.
		No	Within 300 feet of any continuously flowing watercourse or any other significant watercourse
		No	Within 200 feet of any lakebed, sinkhole or playa lake
		No	Within 300 feet from an occupied permanent residence, school, hospital, institution or church
		No	Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes

	Site Ranking Characteristics		
		No	Within 1,000 feet of any fresh water well or spring
		No	Within incorporated municipal boundaries or fresh water well field
		No	Within 300 feet of a wetland
		No	Within the area overlying a subsurface mine
		No	Within an unstable area
		No	Within a 100-year floodplain Comment: FEMA Flood Map indicates the site is in Zone D, including areas with possible flood hazards, but because no flood hazard analysis has been conducted to determine probability, the flood risk in these areas is undetermined.
Karst Characterization Cave Karst Public UCP Map (Figure 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 low risk for Karst formations.		
Soil Characteristics United States Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) USDA Soil Classification Map (Figure 5.1)	The USDA NRCS lists the major soil complex as Simona-Upton (SR)-Lea County. The Simona complex is listed as ecological site R070BD002NM "Shallow Sandy", and the Upton complex is listed as ecological site R070BC025NM "Shallow". The Simona and similar soils make up 50 percent, Upton and similar soils 35 percent and minor components 15 percent. The Shallow Sandy SR soil complex site is associated with tablelands and ridges and consists of calcareous eolian deposits derived from sedimentary rock. Permeability and runoff are medium to very high. The typical Simona complex soil profile consists of gravely fine sandy loam from 0 to 8 inches, fine sandy loam from 8 to 16 inches and cemented material from 16 to 26 inches. The typical Upton complex soil profile consists of gravely loam from 0 to 8 inches, cemented material from 8 to 18 inches and very gravely loam from 18 to 60 inches. Slopes range from 0 to 3 percent and the soil is well drained. Restrictive features can be encountered from 7 to 20 inches to petrocalcic. The SR soil complexes are nonsaline to very slightly saline.		

6.0 Site Remediation Criteria (from Table 1 in 19.15.29.12 and 19.15.29.13 NMAC)

Soil Reclamation Standards (<4 ft)

The following reclamation requirements apply to surface soils at depths of 0-4 feet bgs:

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	600 mg/kg	EPA Method 300
Total Petroleum Hydrocarbons (TPH) GRO, DRO and MRO	100 mg/kg	EPA Method 8015M
TPH (GRO+DRO)	100 mg/kg	EPA Method 8015M

Closure Criteria for Soils Impacted by a Release

The below table below lists the closure criteria for BTEX (includes benzene, toluene, ethylbenzene, and xylenes), benzene, chlorides and Total Petroleum Hydrocarbons (TPH) (GRO+DRO+ORO), as defined within Table 1 of New Mexico Administration Code (NMAC) 19.15.29.12 for releases where depth to water is greater than 100 feet bgs.

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

7.0 Site Assessment/Delineation Results

In 2021, Arcadis Us Inc. (Arcadis) on behalf of Chevron Environmental Management Company Submitted a Soil Assessment Report for Case No. 1RP-925 dated May 20, 2021. Arcadis's report indicated that Chloride concentrations were present in the soil above the NMOCD closure criteria within the top 4-feet bgs of the soil column in the inferred release area and that additional soil assessment activities are recommended to further delineate the chloride impact in the soil at the site.

In 2024, Scout Energy Partners conducted an assessment of the off pad inferred release area and submitted the results to the NMOCD in their Remediation Workplan dated June 12, 2024. The NMOCD subsequently approved the remediation work plan on July 13, 2024. The remediation plan identified concentrations of Chloride were detected as high as 1,210 mg/kg and chloride concentrations exceeded NMOCD screening limit of 600 mg/kg at five of the soil boing locations to depths of 3-feet bgs.

8.0 Remediation Scope of Work

Remediation activities at the site were conducted from August 7, 2025, through January 16, 2026. This work consisted of excavation and removal of soil that exceeded NMOCD closure criteria at two separate locations on site. The material remaining in place does not exceed NMOCD closure criteria.

Soil was excavated from two areas that exceeded NMOCD closure criteria. A total area estimated at 3,800 square feet (sq. ft.) was excavated to a depth of 4.0 to 6-feet bgs. The excavated material was stockpiled on site then transported to Texas Railroad Commission (TRRC) approved treatment sites Dollarhide Unit 708 CT, Dollarhide Unit 715 CT, Dollarhide Unit 849 D, and Dollarhide Unit 807 D in Andrews County, TX. An estimated total of 1,090 cubic yards (cu. yds.) of affected soil was transported to the three Dollarhide units: Unit 708 CT (380 cu. yds.); Unit 715 CT (490 cu. yds.); Unit 849 D (120 cu. yds.), and Unit 807 D (100 cu. yds.). Bills of Lading are included in Appendix G.

In compliance with the requirements of 19.15.29.12 NMAC, a 48-hour sampling notification was submitted to the NMOCD and the NMSLO prior to the collection of confirmation samples. A total of 39 five-point composite floor samples were collected on 200 square foot intervals from 20 designated sample locations (CFS-1 through CFS-20) and were submitted to a laboratory to be analyzed for BTEX, Chloride and TPH. All confirmation floor samples were below the NMOCD remediation closure criteria for BTEX. In addition, twelve confirmation floor samples CFS-1, CFS-2, CFS-7, CFS-10, CFS-11, CFS-13 and CFS-15 through CFS-20 were below the NMOCD closure criteria for both Chloride and TPH.

Eight confirmation floor soil samples CFS-3 (1.0-1.5 ft), CFS-4 (1.0-1.5 ft), CFS-5 (10-1.5 ft), CFS-6 (1.0-1.5 ft), CFS-8 (2.5-3.0 ft), CFS-9 (2.5-3.0 ft), CFS-12 (2.5-3.0 ft) and CFS-14 (1.0-1.5 ft) exceeded the NMOCD closure criteria for either Chloride and/or TPH, with chloride concentration ranging from 610 mg/kg in soil sample CFS-14 (1.0-1.5 ft) to 783 mg/kg in soil sample CFS-5 (1.0-1.5 ft), and TPH concentrations ranging from 316 mg/kg in soil sample CFS-12 (2.5-3.0 ft) to 2,767 mg/kg in soil sample CFS-8 (2.5-3.0 ft).

Following evaluation of the analytical results from the initial confirmation samples, the entire floor of the excavations was advanced deeper to a depth of 4.0-feet bgs. Following the additional excavation, eight additional confirmation floor soil samples CFS-3.1 (4.0-4.5 ft), CFS-4.1 (4.0-4.5 ft), CFS-5.1 (4.0-4.5 ft), CFS-6.1 (4.0-4.5 ft), CFS-8.1 (4.0-4.5 ft), CFS-9.1 (4.0-4.5 ft), CFS-12.1 (4.0-4.5 ft) and CFS-14.1 (4.0-4.5 ft) were collected. These samples were submitted to a laboratory to be analyzed for BTEX, Chloride and TPH. Seven of the confirmation floor samples were below the NMOCD closure criteria for BTEX, Chloride and TPH. One confirmation floor sample CFS-9.1 (4.0-4.5 ft) exceeded the NMOCD closure criteria for TPH-Diesel Range Organics (DRO) at a concentration of 1,160 mg/kg. A 200 square foot area in the vicinity of CFS-9.1 was excavated to a depth of 6.0 feet bgs and confirmation floor sample CFS-9.2 (6.0-6.5 ft) was collected and submitted for analysis of BTEX, Chloride and TPH. Confirmation floor sample CFS-9.2 (6.0-6.5 ft) was below the NMOCD closure criteria for BTEX, Chloride and TPH (DRO).

The perimeter of the excavation was approximately 280 linier feet. Six five-point composite confirmation wall soil samples were collected from 6 sample locations (CWS-1 through CWS-6) on 200 square foot intervals. These samples were submitted to a laboratory to be analyzed for BTEX, Chloride and TPH. The six confirmation wall soil samples were below the NMOCD closure criteria for BTEX. Five confirmation wall samples were below the closure criteria for Chloride. Four confirmation wall soil samples were below the NMOCD closure criteria for TPH. One confirmation wall soil samples CWS-3 (0.0-3.0 ft) exceeded

the NMOCD closure criteria for Chloride at 670 mg/kg. Three confirmation wall samples CWS-1 (0.0-1.5 ft), CWS-2 (0.0-3.0 ft) and CWS-5 (0.0-4.0 ft) exceeded the NMOCD closure criteria for TPH at concentrations of 293 kg/kg, 523 mg/kg and 484 mg/kg, respectively. These wall exceedance areas were excavated an additional 5-feet laterally to a depth of 4.0-feet bgs and three additional confirmation wall soil samples CWS-1.1 (0.0-4.0 ft), CWS-2.1 (0.0-4.0 ft), and CWS-5.1 (0.0-4.0 ft) were collected. Confirmation wall soil samples CWS-1.1 (0.0-4.0 ft) and CWS-2.1 (0.0-4.0 ft) were below the NMOCD closure criteria for BTEX, Chloride and TPH. Confirmation wall soil sample CWS-5.1 (0.0-4.0 ft) exceeded NMOCD closure criteria for chloride at 1,240 mg/kg, this wall was extended an additional 10-feet laterally and confirmation wall sample CWS-5.2 (0.0-4.0 ft) was collected. The results for CWS-5.2 (0.0-4.0 ft) were below the NMOCD closure criteria for BTEX, Chloride and TPH, indicating the excavation had extended far enough laterally to remove affected soil above NMOCD closure criteria.

Once the closure criteria were attained, the excavation was backfilled to approximate pre-existing natural grade with approximately 550 cubic yards of suitable Caliche, and 540 cubic yards of suitable topsoil backfill material. A sample of the Caliche backfill material (CBP-01) and top-soil backfill (TBP-01) was collected and analyzed for BTEX, Chloride and TPH to evaluate suitability.

The material remaining in place does not exceed NMOCD closure criteria. A Confirmation Sample Location Map depicting the confirmation sample locations and excavation areas is included in Figure 6. Confirmation floor sample results, confirmation wall sample results and backfill sample results are provided in Table 1, Table 2 and Table 3, respectively. A photographic log is provided in Appendix F. The laboratory analytical reports along with the chain of custody are provided in Appendix H. Terracon's Standard of Care, Limitations and Reliance is included as Appendix I.

9.0 Reclamation Scope of Work

The disturbed area of approximately 3,600 square feet was disked, reseeded via broadcast application with SLO approved seed mix for sandy loam (SL) soil at an application rate of twice the drill rate application and then the area was crossed disked. The seed mix was provided by Curtis & Curtis Seed, in Clovis, NM and consisted of Galleta Viva, Little Bluestem, Blue Gamma, Sideoats Grama, Sand Dropseed, Indian Blanketflower, Blue Flax, Four Wing Saltbush and Winter Fat.

In approximately 6 months after reseeding, Terracon will conduct a background vegetation density survey, and vegetation density survey of the reclaimed area to evaluate the success of the revegetation and to remove any noxious and invasive weeds. If the required uniform revegetation has not been attained, Terracon will conduct a vegetation density survey of the reclaimed area bi-annually to determine the success of the revegetation.

The vegetation density survey will utilize a line transect count method, which consists of laying out two 50-meter survey lines parallel to each other approximately 1 meter apart with a quadrat placed every 5 meters. Each meter-by-meter quadrat will be photographed and a count of all vegetation that is fully within the boundaries of the quadrat will be utilized to determine foliar cover of the undisturbed and reclaimed areas. The total vegetation count will then be evaluated for upper and lower competency limits so that our data is statistically significant. A proposed Vegetative Study Map is included in Figure 7.

Following confirmation that uniform vegetation cover has been established that reflects a life-form ration of plus or minus fifty percent of the pre-disturbance levels and the total percent plant cover of at least

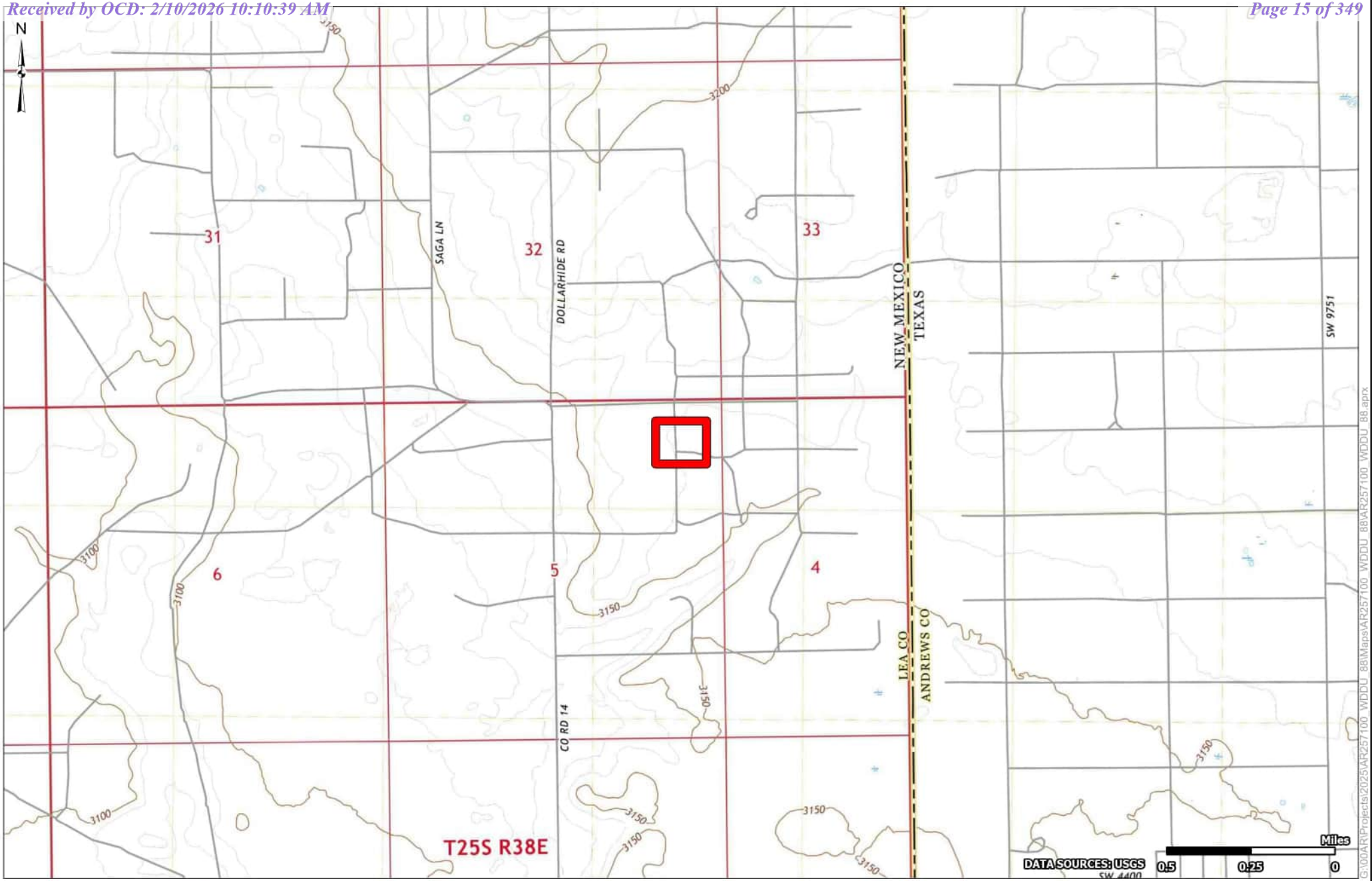
seventy percent of the pre-disturbance levels, excluding noxious weeds or a vegetative cover approved by the SLO, Terracon will consider the restoration at the site complete.

10.0 Conclusions/Limitations

In accordance with NMAC 19.15.29.12, remediation of the impacted material is complete and the material remaining in place does not exceed NMOCD closure criteria. Considering these findings, Scout Energy Management, LLC. respectfully requests regulatory closure of the incident nPAC0616632139, which occurred at WDDU 88.

FIGURES

Figure 1 – Topographic Map
Figure 2 – Site Location Map
Figure 2.1 to 2.4 – Historic Aerial Imagery Map
Figure 3 – NMOSE Pod Location Map
Figure 4 – Regulatory Criteria Map
Figure 5 – Cave Karts Public UCP Map
Figure 5.1 – USDA Soil Classification Map
Figure 6 – Confirmation Sample Location Map
Figure 7 – Proposed Vegetative Study Map





Site Boundary

Project No.:	AR257100
Date:	Feb 06 2026
Drawn By:	JWL
Reviewed By:	CFS

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

Topographic Map

WDDU #88
Incident# NPAC0616632139
32.164736 , -103.075586
Scout Energy Management, LLC
Jal, Lea County, New Mexico

Figure

1





Site Boundary

Project No.:	AR257100
Date:	Feb 06 2026
Drawn By:	JWL
Reviewed By:	JRG

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Lubbock, TX
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Site Location Map

WDDU #88
Incident# NPAC0616632139
32.164736 , -103.075586
Scout Energy Management, LLC
Jal, Lea County, New Mexico

Figure

2

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Project No.:	AR257100
Date:	Feb 04 2026
GIS:	JWL
PM:	JRG
APR:	JCG
OM:	ELL

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Lubbock, TX
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Historic Aerial Imagery

WDDU #88
Incident# NPAC0616632139
32.164736 , -103.075586
Scout Energy Management, LLC
Jal, Lea County, New Mexico

Figure

2.1

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Project No.:	AR257100
Date:	Feb 04 2026
GIS:	JWL
PM:	JRG
APR:	JCG
OM:	ELL

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Historic Aerial Imagery

WDDU #88
Incident# NPAC0616632139
32.164736 , -103.075586
Scout Energy Management, LLC
Jal, Lea County, New Mexico

Figure

2.2

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Project No.:	AR257100
Date:	Feb 04 2026
GIS:	JWL
PM:	JRG
APR:	JCG
OM:	ELL

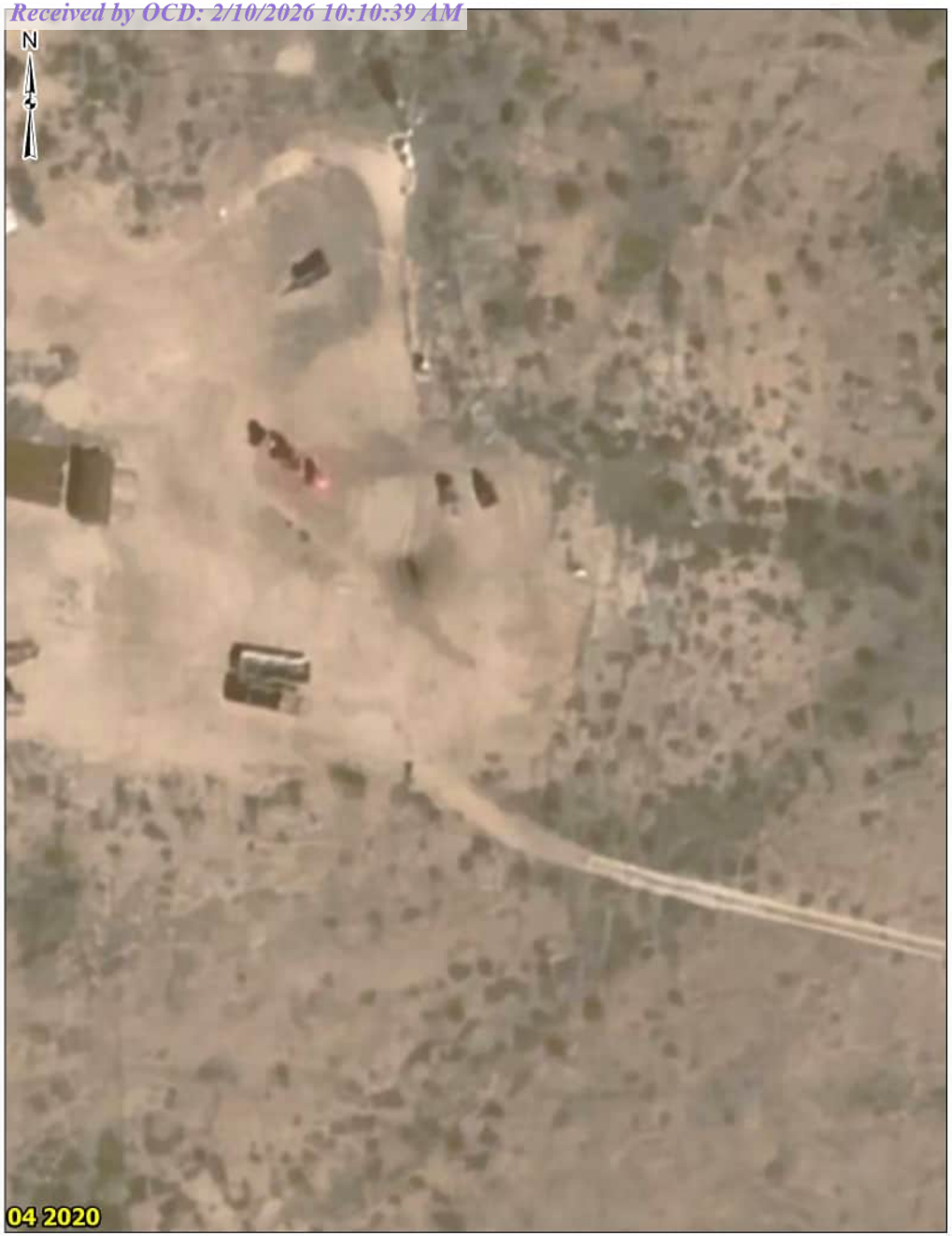
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PH. 806-300-0140 terracon.com

Historic Aerial Imagery

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32.164736 , -103.075586
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Figure

2.3





Project No.:	AR257100
Date:	Feb 04 2026
GIS:	JWL
PM:	JRG
APR:	JCG
OM:	ELL

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

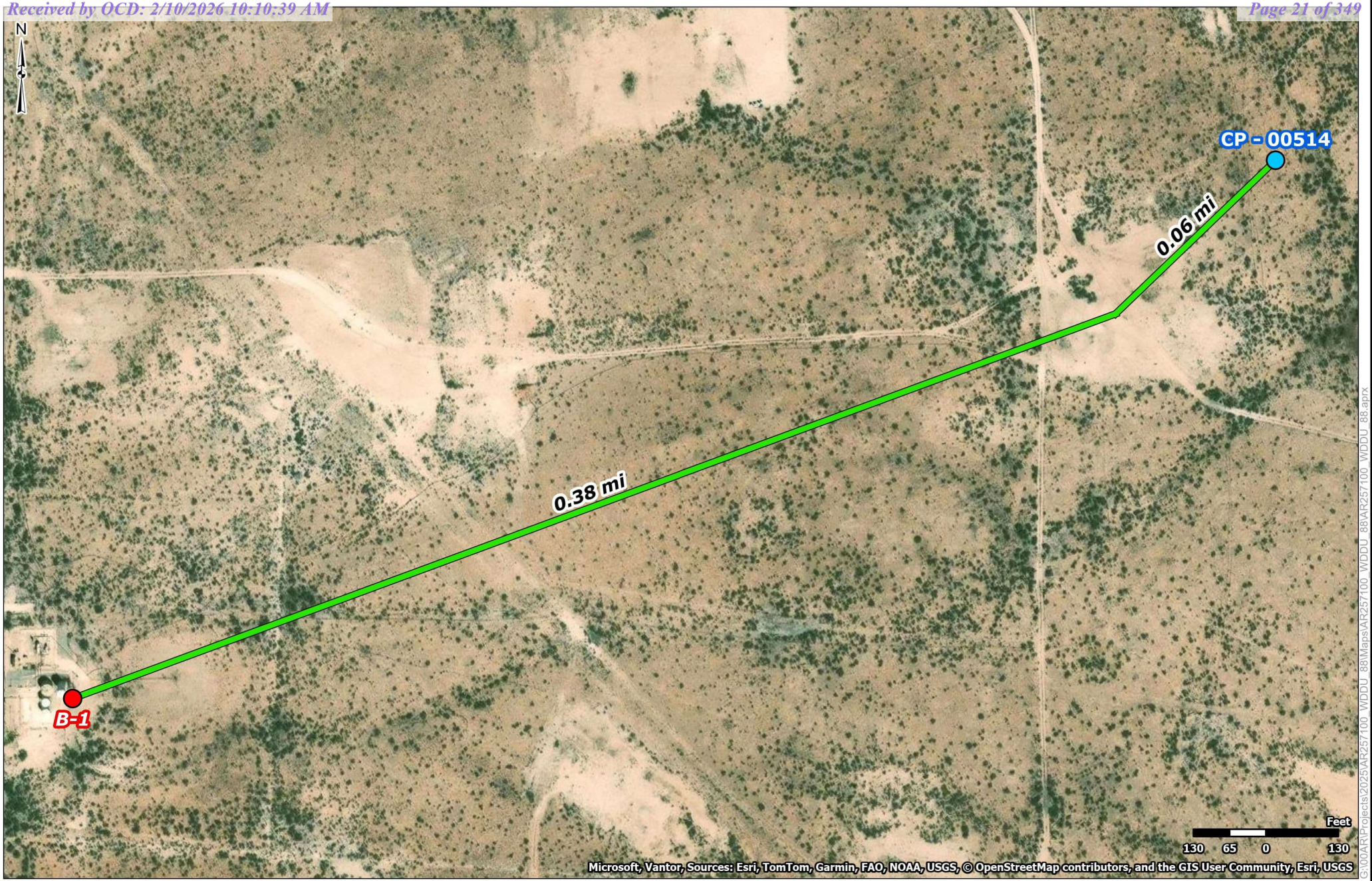
Historic Aerial Imagery

WDDU #88
Incident# NPAC0616632139
32.164736 , -103.075586
Scout Energy Management, LLC
Jal, Lea County, New Mexico

Figure

2.4

G:\00AR\Projects\2025\AR257100_WDDU_88\Maps\AR257100_WDDU_88_AR257100_WDDU_88.aprx



- Boring Location
- NMOSE POD Location

Project No.:	AR257100
Date:	Feb 06 2026
Drawn By:	JWL
Reviewed By:	CFS

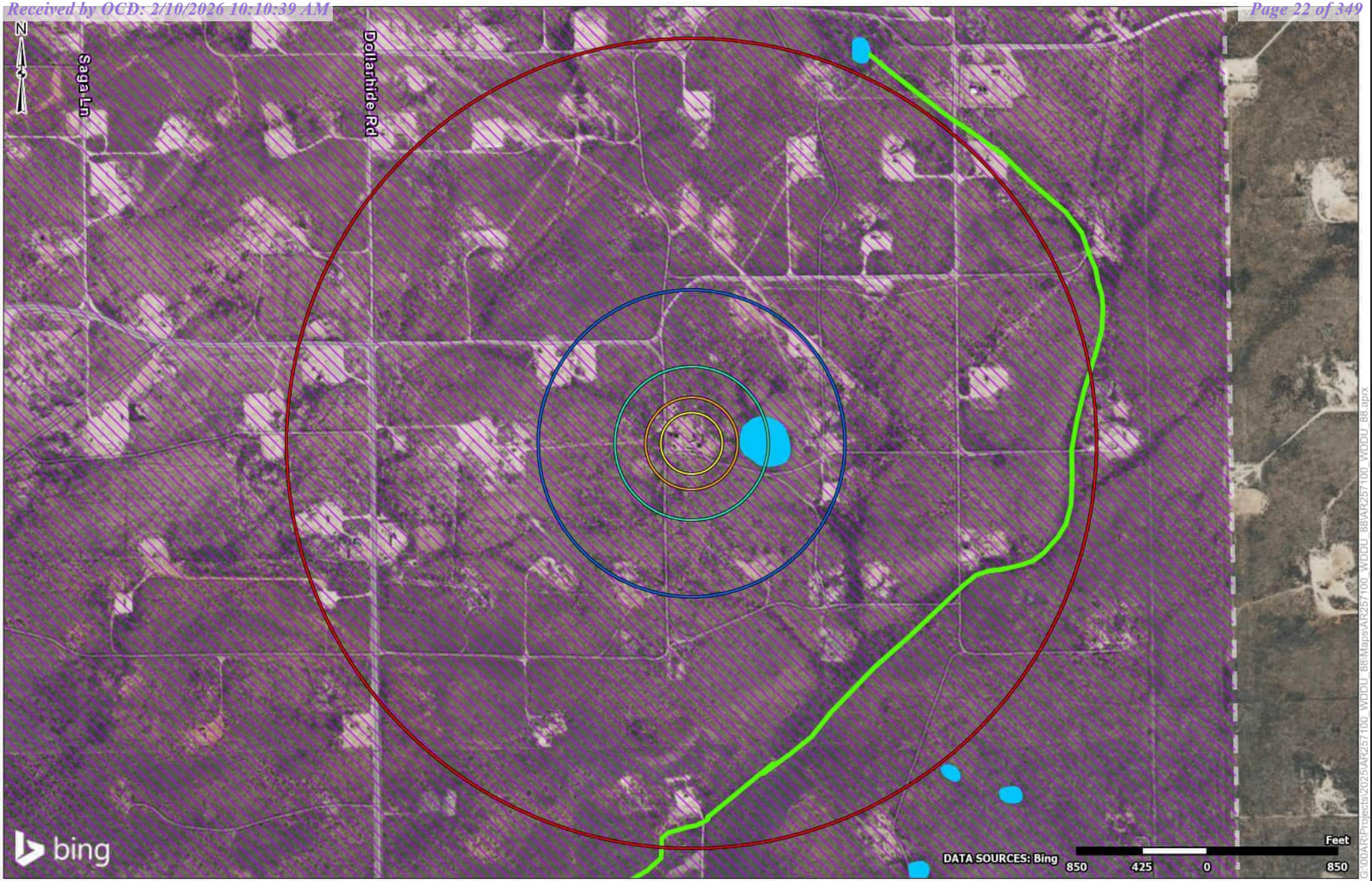
Terracon
5847 50th St
Lubbock, TX
PH. 806-300-0140 terracon.com

Boring Location Map

WDDU #88
Incident# NPAC0616632139
32.164736 , -103.075586
Scout Energy Management, LLC
Jal, Lea County, New Mexico

Figure

3





- Freshwater Emergent Wetland
- Riverine
- 200' Radius
- 300' Radius
- 500' Radius
- 1,000' Radius
- 0.5-mi Radius

Project No.:	AR257100
Date:	Jan 08 2026
Drawn By:	JWL
Reviewed By:	JRG

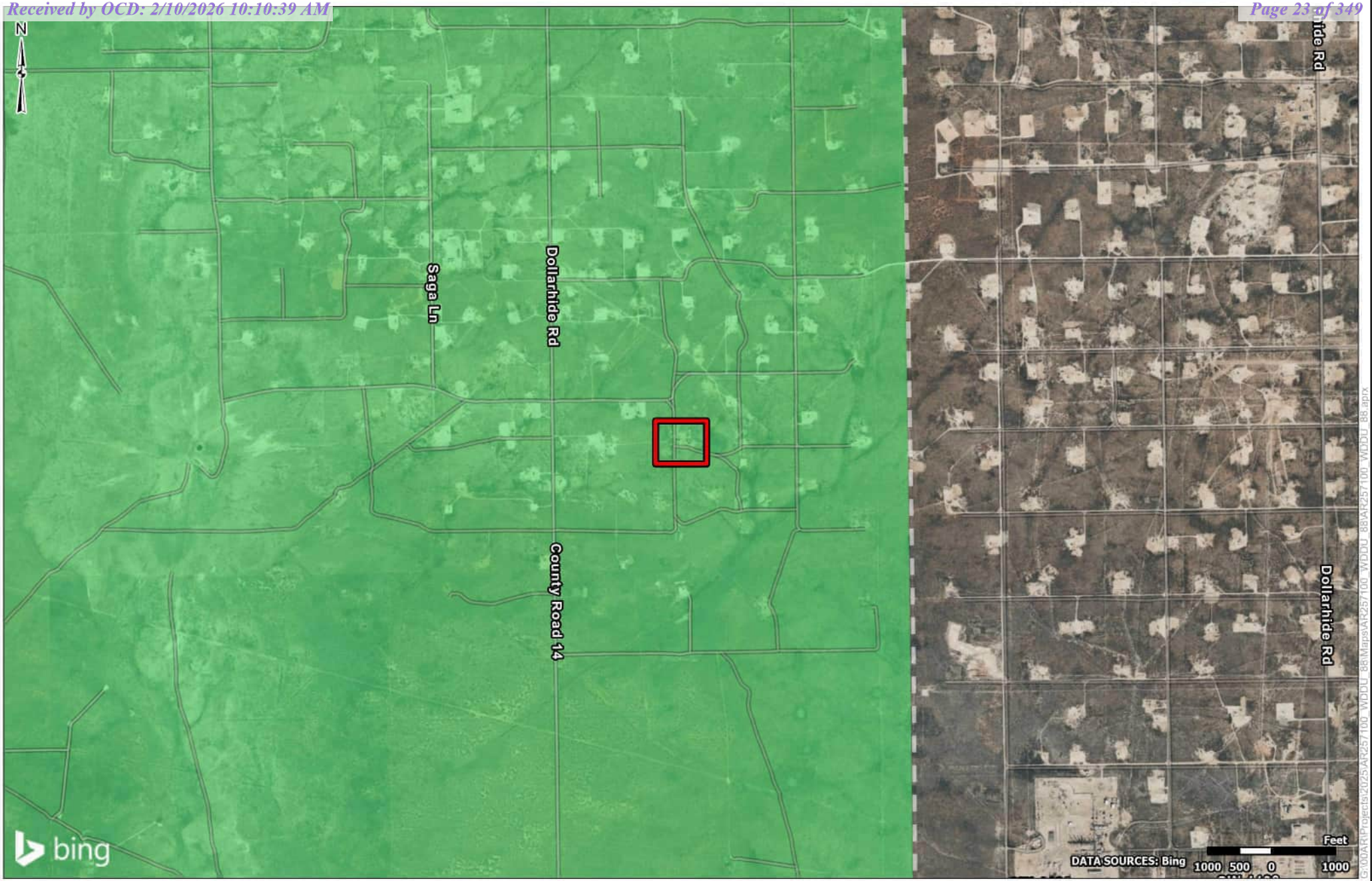
Terracon
5847 50th St
Lubbock, TX
PH. 806-300-0140 terracon.com

Regulatory Criteria Map

WDDU #88
Incident# NPAC0616632139
32.164736 , -103.075586
Scout Energy Management, LLC
Jal, Lea County, New Mexico

Exhibit

4





Site Boundary

Karst Potential

Low

Medium

High

Project No.:	AR257100
Date:	Sep 24 2025
Drawn By:	JWL
Reviewed By:	JRG

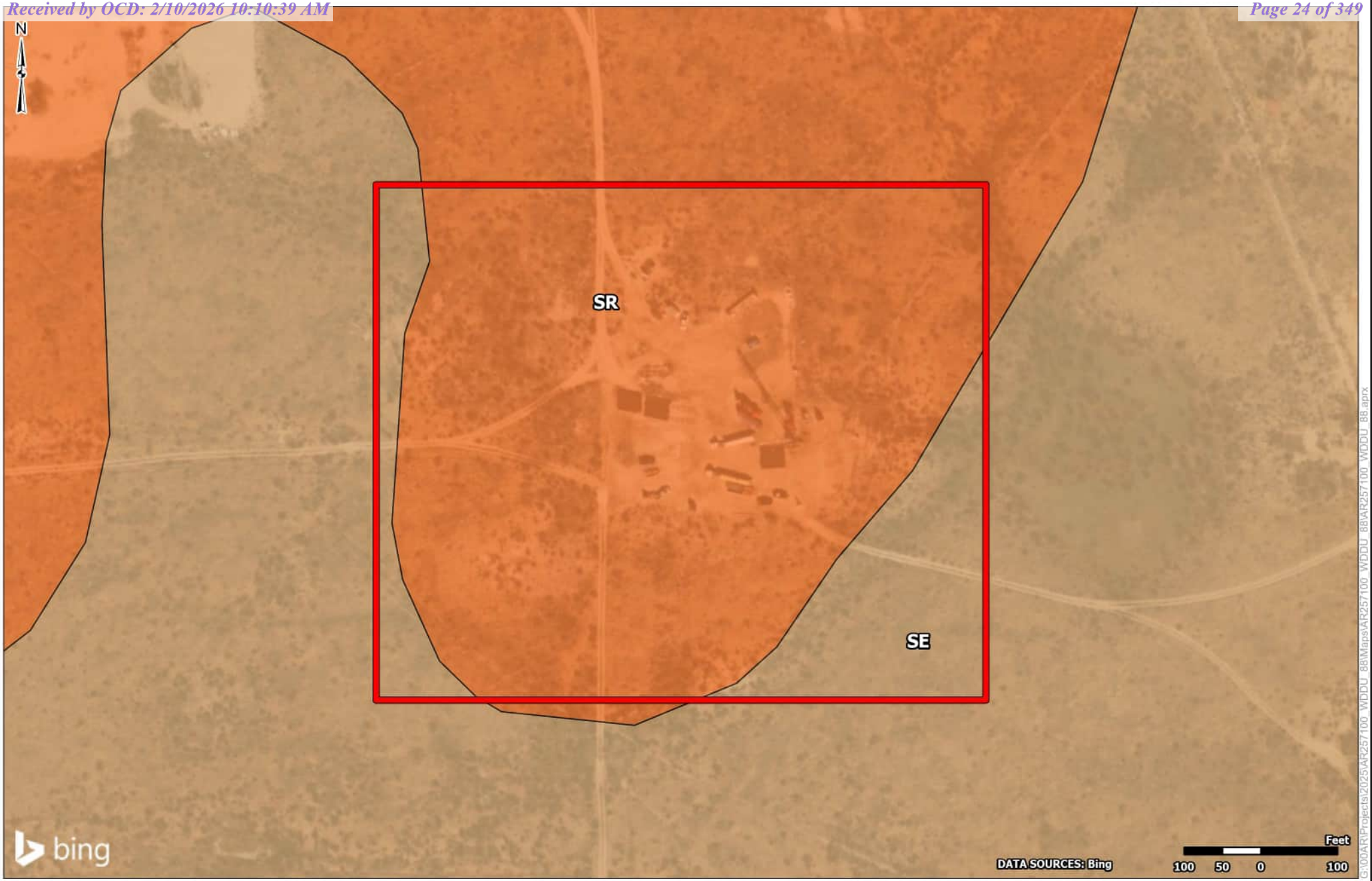
Terracon
5847 50th St
Lubbock, TX
PH. 806-300-0140 terracon.com

Cave Karst Public UCP Map

WDDU #88
Incident# NPAC0616632139
32.164736 , -103.075586
Scout Energy Management, LLC
Jal, Lea County, New Mexico

Exhibit

5



Site Boundary

USDA Mapped Soils

SE - Simona fine sandy loam, 0 to 3 percent slopes

SR - Simona-Upton association

Project No.:	AR257100
Date:	Feb 04 2026
Drawn By:	JWL
Reviewed By:	JRG

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PH. 806-300-0140 terracon.com

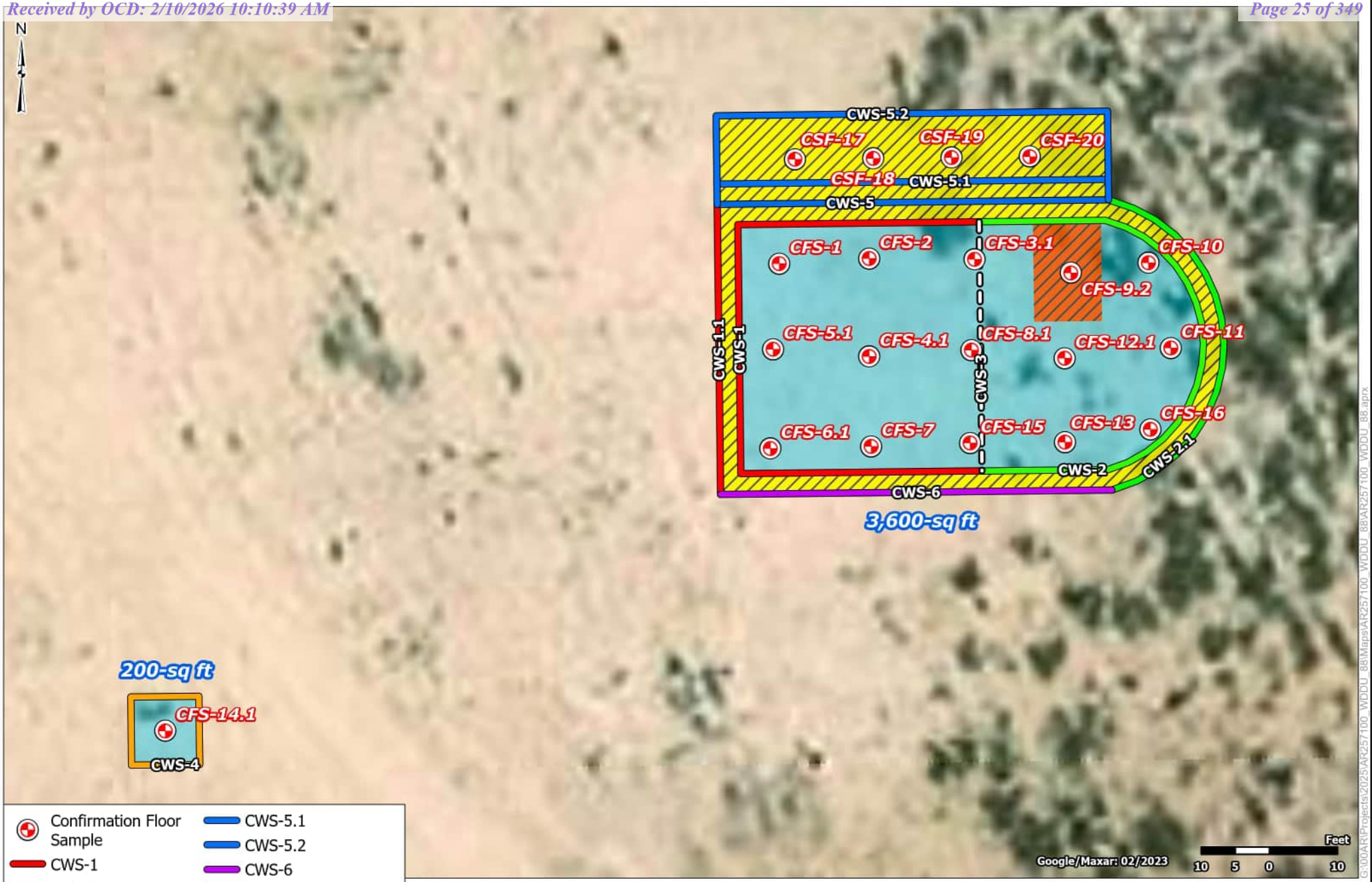
USDA Soil Classification Map

WDDU #88
Incident# NPAC0616632139
32.164736 , -103.075586
Scout Energy Management, LLC
Jal, Lea County, New Mexico

Figure

5.1

G:\00ARProjects\2025\AR257100_WDDU_88\Maps\AR257100_WDDU_88\AR257100_WDDU_88.aprx



Confirmation Floor Sample
CWS-1
CWS-1.1
CWS-2
CWS-2.1
CWS-3
CWS-4
CWS-5
CWS-5.1
CWS-5.2
CWS-6
Excavation Area
4.0' Additional Excavation Area
6.0' Additional Excavation Area
* Total Excavation 3,800-sq ft

Project No.:	AR257100
Date:	Feb 04 2026
Drawn By:	JWL
Reviewed By:	CFS

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

Confirmation Sample Location Map

WDDU #88
Incident# NPAC0616632139
32.164736 , -103.075586
Scout Energy Management, LLC
Jal, Lea County, New Mexico

Figure

6

G:\00AR\Projects\2025\AR257100_WDDU_88\Maps\AR257100_WDDU_88_AR257100_WDDU_88.aprx



Inferred Release Area
Proposed Vegetative Study Area

Project No.:	AR257100
Date:	Feb 06 2026
Drawn By:	JWL
Reviewed By:	CFS

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

Proposed Vegetative Study Map

WDDU #88
Incident# NPAC0616632139
32.164736 , -103.075586
Scout Energy Management, LLC
Jal, Lea County, New Mexico

Figure

7

G:\00ARProjects\2025\AR257100_WDDU_88\Maps\AR257100_WDDU_88\AR257100_WDDU_88.aprx

TABLES

Table 1 – Confirmation Floor Sample Results

Table 2 – Confirmation Wall Sample Results

Table 3 – Backfill Sample Results

Table 1
Soil Analytical Results Summary - Confirmation Floor Samples
Terracon Project No: AR257100 - WDDU #88
NMOCD Incident No. NPAC0616632139

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-1~~	~~8/20/25~~	~~1.0-1.5~~	~~Composite~~	~~Excavated~~	~~250~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~
~~CFS-2~~	~~8/20/25~~	~~1.0-1.5~~	~~Composite~~	~~Excavated~~	~~335~~	~~ND~~	~~ND~~	~~94.8~~	~~ND~~	~~ND~~	~~94.8~~
~~CFS-3~~	~~8/20/25~~	~~1.0-1.5~~	~~Composite~~	~~Excavated~~	~~584~~	~~ND~~	~~ND~~	~~**260**~~	~~ND~~	~~168~~	~~92~~
CFS-3.1	9/9/25	4.0-4.5	Composite	In-Situ	751	ND	ND	524	ND	472	51.5
~~CFS-4~~	~~8/20/25~~	~~1.0-1.5~~	~~Composite~~	~~Excavated~~	~~**744**~~	~~ND~~	~~ND~~	~~80.3~~	~~ND~~	~~ND~~	~~80.3~~
CFS-4.1	9/9/25	4.0-4.5	Composite	In-Situ	612	ND	ND	275	ND	135	140
~~CFS-5~~	~~8/20/25~~	~~1.0-1.5~~	~~Composite~~	~~Excavated~~	~~**783**~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~
CFS-5.1	9/9/25	4.0-4.5	Composite	In-Situ	633	ND	ND	ND	ND	ND	ND
~~CFS-6~~	~~8/20/25~~	~~1.0-1.5~~	~~Composite~~	~~Excavated~~	~~**623**~~	~~ND~~	~~ND~~	~~50.5~~	~~ND~~	~~ND~~	~~50.5~~
CFS-6.1	9/9/25	4.0-4.5	Composite	In-Situ	865	ND	ND	ND	ND	ND	ND
CFS-7	8/20/25	1.0-1.5	Composite	In-Situ	558	ND	ND	ND	ND	ND	ND
~~CFS-8~~	~~8/20/25~~	~~2.5-3.0~~	~~Composite~~	~~Excavated~~	~~**614**~~	~~ND~~	~~ND~~	~~**2,787**~~	~~ND~~	~~**2,180**~~	~~607~~
CFS-8.1	9/9/25	4.0-4.5	Composite	In-Situ	524	ND	ND	225	ND	159	65.5
~~CFS-9~~	~~8/20/25~~	~~2.5-3.0~~	~~Composite~~	~~Excavated~~	~~524~~	~~ND~~	~~0.00569~~	~~**2,084**~~	~~ND~~	~~**1,800**~~	~~284~~
~~CFS-9.1~~	~~9/9/25~~	~~4.0-4.5~~	~~Composite~~	~~Excavated~~	~~780~~	~~ND~~	~~ND~~	~~1,381~~	~~ND~~	~~**1,160**~~	~~221~~
CFS-9.2	10/2/25	6.0-6.5	Composite	In-Situ	958	ND	ND	137	ND	137	ND
CFS-10	8/20/25	2.5-3.0	Composite	In-Situ	514	ND	0.00238	ND	ND	ND	ND
CFS-11	8/20/25	2.5-3.0	Composite	In-Situ	561	ND	ND	62.1	ND	ND	62.1
~~CFS-12~~	~~8/20/25~~	~~2.5-3.0~~	~~Composite~~	~~Excavated~~	~~530~~	~~ND~~	~~ND~~	~~**361**~~	~~ND~~	~~**216**~~	~~145~~
CFS-12.1	9/9/25	4.0-4.5	Composite	In-Situ	634	ND	ND	135	ND	96.7	38.6
CFS-13	8/20/25	2.5-3.0	Composite	In-Situ	112	ND	ND	ND	ND	ND	ND
~~CFS-14~~	~~8/20/25~~	~~1.0-1.5~~	~~Composite~~	~~Excavated~~	~~**610**~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~
CFS-14.1	9/9/25	4.0-4.5	Composite	In-Situ	636	ND	ND	ND	ND	ND	ND
CFS-15	9/9/25	4.0-4.5	Composite	In-Situ	672	ND	ND	ND	ND	ND	ND
CFS-16	9/9/25	4.0-4.5	Composite	In-Situ	555	ND	ND	ND	ND	ND	ND
CFS-17	1/8/26	4.0-4.5	Composite	In-Situ	181	ND	ND	ND	ND	ND	ND
CFS-18	1/8/26	4.0-4.5	Composite	In-Situ	43.9	ND	ND	ND	ND	ND	ND
CFS-19	1/8/26	4.0-4.5	Composite	In-Situ	176	ND	ND	236	ND	ND	236
CFS-20	1/8/26	4.0-4.5	Composite	In-Situ	152	ND	ND	282.5	ND	217	65.5
NMOCD Reclamation Standards[3] (Surface to 4 ft bgs)					600	10	50	100	100		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).
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:	dp

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Table 2
Soil Analytical Results Summary - Confirmation Wall Samples
Terracon Project No: AR257100 - WDDU #88
NMOCD Incident No. NPAC0616632139

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-1~~	~~8/20/25~~	~~0.0~~	~~1.5~~	~~Composite~~	~~Excavated~~	~~375~~	~~ND~~	~~ND~~	**~~293~~**	~~ND~~	**~~131~~**	~~162~~
CWS-1.1	9/9/25	0.0	4.0	Composite	In-Situ	367	ND	ND	ND	ND	ND	ND
~~CWS-2~~	~~8/20/25~~	~~0.0~~	~~3.0~~	~~Composite~~	~~Excavated~~	~~584~~	~~ND~~	~~ND~~	**~~523~~**	~~ND~~	**~~334~~**	~~189~~
CWS-2.1	9/9/25	0.0	4.0	Composite	In-Situ	568	ND	ND	ND	ND	ND	ND
~~CWS-3~~	~~8/20/25~~	~~0.0~~	~~3.0~~	~~Composite~~	~~Excavated~~	**~~678~~**	~~ND~~	~~ND~~	~~83~~	~~ND~~	~~83~~	~~ND~~
CWS-4	8/20/25	0.0	1.5	Composite	In-Situ	172	ND	ND	ND	ND	ND	ND
~~CWS-5~~	~~9/9/25~~	~~0.0~~	~~4.0~~	~~Composite~~	~~Excavated~~	~~388~~	~~ND~~	~~ND~~	**~~484~~**	~~ND~~	**~~368~~**	~~116~~
~~CWS-5.1~~	~~10/2/25~~	~~0.0~~	~~4.0~~	~~Composite~~	~~Excavated~~	**~~1,240~~**	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~
CWS-5.2	12/3/25	0.0	4.0	Composite	In-Situ	120	ND	ND	ND	ND	ND	ND
CWS-6	9/9/25	0.0	4.0	Composite	In-Situ	354	ND	ND	81.8	ND	81.8	ND
NMOCD Reclamation Standards[3] (Surface to 4 ft bgs)						600	10	50	100	100		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 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:	dp

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Table 3
Soil Analytical Results Summary - Backfill Samples
Terracon Project No: AR257100 - WDDU #88
NMOCD Incident No. NPAC0616632139

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
Caliche Backfill Pit											
CBP-01	9/10/25	N/A	Composite	N/A	51.4	ND	ND	ND	ND	ND	ND
Topsoil Backfill Pit											
TBP-01	9/10/25	N/A	Composite	N/A	98.5	ND	ND	ND	ND	ND	ND
NMOCD Reclamation Standards[3] (Surface to 4 ft bgs)					600	10	50	100	100		NA

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

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APPENDICES
APPENDIX A
NMOCD and RRC Email Correspondence

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Wednesday, November 13, 2024 10:58 AM
To: Knight, Tami C. <tknight@nmslo.gov>; Smith, Chuck F <Chuck.Smith@terracon.com>
Cc: Guesnier, Joseph R <Joseph.Guesnier@terracon.com>; Grams, John <John.Grams@terracon.com>; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>; Griffin, Becky R. <bgriffin@nmslo.gov>; David, Deon W. <ddavid@nmslo.gov>
Subject: RE: Scout Energy WDDU #88- Reclamation Plan- NPAC0616632139-Revised Plan Needed

Ms. Knight,

Correct, Scout requires the entire area as of now. Scout will reclaim the entire location once the last well has been P&A'd.

The impacted area on the East side is not entirely delineated. The delineation we did do showed we needed to expand our delineation out a bit further which as per the remediation plan, Scout was going to continue delineating while remediation on the already delineated area had begun.

I will ensure that a revised reclamation plan is submitted today.

Thank You,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

SCOUT

From: Knight, Tami C. <tknight@nmslo.gov>
Sent: Wednesday, November 13, 2024 10:50 AM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>; Smith, Chuck F <Chuck.Smith@terracon.com>
Cc: Guesnier, Joseph R <Joseph.Guesnier@terracon.com>; Grams, John <John.Grams@terracon.com>; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>; Griffin, Becky R. <bgriffin@nmslo.gov>; David, Deon W. <ddavid@nmslo.gov>
Subject: RE: Scout Energy WDDU #88- Reclamation Plan- NPAC0616632139-Revised Plan Needed

Spencer

Thank you for your response. I believe the confusion came in with the Terracon reclamation plan that included another remediation plan within the document. The additional remediation plan did not match the remediation plan already approved by ECO and NMOCD. So, to help clear the confusion, please submit a revised reclamation plan for the areas that will be subject to remediation. This is also required by NMOCD. You cannot change the scope of work for an approved remediation plan without approval from NMOCD and ECO.

As an FYI, if a remediation site is fully characterized and delineated and there are no sensitive receptors, including biological receptors, ECO will approve a 400 sq ft variance request. This is consistent with NMOCD's sampling variance request approval process.

To be clear, Scout needs the entire 2 acres for operations of the active SWD and will reclaim when the SWD is P&A'd? ECO understands there are multiple P&A'd wells on this pad.



Tami C. Knight, CHMM
Environmental Specialist
NMSLO Environmental Compliance Office
505.670-1638
tknight@nmslo.gov

NMSLO is closed Nov 27-29
OUT OF OFFICE NOTICE: Nov 25-29, 2024

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From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Wednesday, November 13, 2024 8:55 AM
To: Knight, Tami C. <tknight@nmslo.gov>; Smith, Chuck F <Chuck.Smith@terracon.com>
Cc: Guesnier, Joseph R <Joseph.Guesnier@terracon.com>; Grams, John <John.Grams@terracon.com>; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>; Griffin, Becky R. <bgriffin@nmslo.gov>; David, Deon W. <ddavid@nmslo.gov>
Subject: [EXTERNAL] RE: Scout Energy WDDU #88- Reclamation Plan- Revised Plan Needed

Ms. Knight,

Please don't take my responses and emails as being argumentative or confrontational. I'm just trying to understand the SLO position on all this. To be honest, ECOs requirements in many cases are confusing compared to what's required by the NMOCD and when you don't have a lot of experience working with ECO, as Scout does not, things seem overwhelming when dealing with ECO.

Scout, nor our consultant Terracon, have requested a variance of 500'. My previous email stated we would revise our reclamation plan to reflect your request for sampling every 200'. The fact that 500' was in the plan originally was an error on our part. We plan on sampling every 200' as was a condition of approval.

Even though the WDDU #88 well is gone, because it shares a location with the Mexico L #001 SWD, Scout would prefer to not have to reclaim the area that was used for the WDDU #88 in the event that area is still needed for oilfield use associated with that well that is still operating onsite. Scout would remediate the areas that are still contaminated and reclaim any off site impacts. We would like to wait to reclaim the entire pad, including the area that was tied to the WDDU #88, until the additional well onsite is Permanently Abandoned and the whole site is not in use. Traditionally, Scout is not used to having to reclaim half a location when there is still an active well onsite. Is there a rule that requires this when a well is still active? If so, can you point me to that regulation so I can better understand the requirement? Scout will ultimately do what the rules require but as this has not traditionally been a practice of ours in most of the areas or states that we operate in, I'd like to understand New Mexico's regulations that require this.

If we need to set up a call to discuss further please let me know your availability.

Thank You.

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

SCOUT

From: Knight, Tami C. <tknight@nmslo.gov>
Sent: Wednesday, November 13, 2024 8:45 AM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>; Smith, Chuck F <Chuck.Smith@terracon.com>
Cc: Guesnier, Joseph R <Joseph.Guesnier@terracon.com>; Grams, John <John.Grams@terracon.com>; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>; Griffin, Becky R. <bgriffin@nmslo.gov>; David, Deon W. <ddavid@nmslo.gov>
Subject: RE: Scout Energy WDDU #88- Reclamation Plan- Revised Plan Needed

Spencer

I think the terms remediation and reclamation are being confused.

DEFINITIONS

Remediation involves the containment, removal, or stabilization of contaminants from soil, significant water courses, and groundwater. Any unauthorized spills and releases of hazardous or toxic substances (including RCRA-exempt waste) and waste illegally disposed of must be remediated. Remediation is often the first step in the reclamation of a site.

Reclamation involves the removal of hard structures and infrastructure; and the physical reconstruction of soils and terrain; including revegetation, on a disturbed site to achieve land conditions equivalent to the conditions that existed before disturbance. Pits, pads, roads, and other disturbed surface areas must be reclaimed when permitted uses are complete. Reclamation often follows remediation.

All areas no longer needed for operations and production must be reclaimed. ECO will not approve a variance request of 500 feet. You must follow the original approved remediation plan.

Thank you for your efforts

Tami C. Knight, CHMM
Environmental Specialist
NMSLO Environmental Compliance Office
505.670-1638
tknight@nmslo.gov

NMSLO is closed Nov 27-29
OUT OF OFFICE NOTICE: Nov 25-29, 2024

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From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Wednesday, November 13, 2024 7:39 AM
To: Knight, Tami C. <tknight@nmslo.gov>; Smith, Chuck F <Chuck.Smith@terracon.com>
Cc: Guesnier, Joseph R <Joseph.Guesnier@terracon.com>; Grams, John <John.Grams@terracon.com>
Subject: [EXTERNAL] RE: Scout Energy WDDU #88- Reclamation Plan- Revised Plan Needed

Tami,

The original remediation plan did not have Scout remediating the entire pad which is what ECO had wanted. As Scout has an active well on location still and the site is still an active oil and gas location, we have no intention of reclaiming the entire pad until that well has been P&A'd so our original remediation plan and area still applies. The only difference is the request by ECO to sample every 200' instead of 500'. We will not submit a revised remediation plan but will submit a revised reclamation plan that states samples will be collected every 200' instead of 500'.

Will that be sufficient?

Thank You,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

SCOUT

From: Knight, Tami C. <tknight@nmslo.gov>
Sent: Wednesday, November 13, 2024 8:07 AM

To: Smith, Chuck F <Chuck.Smith@terracon.com>
Cc: Spencer Jackson <Spencer.Jackson@scoutep.com>; Guesnier, Joseph R <Joseph.Guesnier@terracon.com>; Grams, John <John.Grams@terracon.com>
Subject: RE: Scout Energy WDDU #88- Reclamation Plan- Revised Plan Needed

Chuck,

If you are going to follow the original remediation plan as approved you do not need to resubmit a remediation plan. But if you are proposing to change the original approved plan, then yes you need to submit a revised plan.

Tami

From: Smith, Chuck F <Chuck.Smith@terracon.com>
Sent: Wednesday, November 13, 2024 7:01 AM
To: Knight, Tami C. <tknight@nmslo.gov>
Cc: Spencer Jackson <spencer.jackson@scoutep.com>; Guesnier, Joseph R <Joseph.Guesnier@terracon.com>; Grams, John <John.Grams@terracon.com>
Subject: [EXTERNAL] RE: Scout Energy WDDU #88- Reclamation Plan- Revised Plan Needed

Tami,

You state below, “Please do not submit an alternative remediation plan that does not follow the previous remediation plan that was approved by ECO. The question relates to the original approved remediation plan. I just wanted to make sure the Original Remediation Plan did not need to be revised.

Regards,

Charles F (Chuck) Smith
Senior Consultant



5847 50th Street | Lubbock, Texas 79424
P (806) 300-0140 | F (806) 797-0947 | M (713) 857-7590
chuck.smith@terracon.com | Terracon.com

From: Knight, Tami C. <tknight@nmslo.gov>
Sent: Wednesday, November 13, 2024 7:10 AM
To: Smith, Chuck F <Chuck.Smith@terracon.com>
Cc: Spencer Jackson <spencer.jackson@scoutep.com>; Guesnier, Joseph R <Joseph.Guesnier@terracon.com>; Grams, John <John.Grams@terracon.com>
Subject: RE: Scout Energy WDDU #88- Reclamation Plan- Revised Plan Needed

Chuck,

I am not understanding your highlighted comment below. Why would a remediation plan be needed if you previously mentioned you were going to remove the remediation section out of the reclamation workplan and resubmit?

Tami C. Knight, CHMM
Environmental Specialist
NMSLO Environmental Compliance Office
505.670-1638
tknight@nmslo.gov

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From: Smith, Chuck F <Chuck.Smith@terracon.com>
Sent: Tuesday, November 12, 2024 5:30 PM
To: Knight, Tami C. <tknight@nmslo.gov>
Cc: Spencer Jackson <spencer.jackson@scoutep.com>; Guesnier, Joseph R <Joseph.Guesnier@terracon.com>; Grams, John <John.Grams@terracon.com>
Subject: [EXTERNAL] FW: Scout Energy WDDU #88- Reclamation Plan- Revised Plan Needed

Ms. Knight,

In response to your comments below on behalf of Scout, we have removed the remediation section of the Reclamation Workplan to comply with the 200 sq. ft. sampling requirements mentioned in the previously approved Remediation Workplan conditions and will resend the revised Reclamation Workplan.

You mention that the well was plugged and the conditions of the Remediation Plan approval were to submit a reclamation plan for the entire well pad area. There was a well on location that was plugged in February, 2020, however there is an Active Saltwater Disposal (SWD) Well (Mexico L #001 / API# 3002512365) GPS Location (32.164753, -103.0761032) that shares the well pad with the plugged well. Therefore, Scout will reclaim the pad when the active SWD is plugged and abandoned and Scout will submit a Well Pad Reclamation Workplan at Time of Abandonment (TOA). Please let us know if a revised Remediation Workplan is warranted.



Regards,

Charles F (Chuck) Smith
Senior Consultant

Terracon
5847 50th Street I Lubbock, Texas 79424
P (806) 300-0140 I F (806) 797-0947 I M (713) 857-7590
chuck.smith@terracon.com I Terracon.com

From: Guesnier, Joseph R <Joseph.Guesnier@terracon.com>
Sent: Thursday, November 7, 2024 5:07 PM
To: Knight, Tami C. <tknight@nmslo.gov>
Cc: Spencer Jackson <Spencer.Jackson@scoutep.com>; Smith, Chuck F <Chuck.Smith@terracon.com>; Grams, John <John.Grams@terracon.com>
Subject: RE: Scout Energy WDDU #88- Reclamation Plan- Revised Plan Needed

Tami,

Please disregard the remediation portion of our standard reclamation plan, that was mistakenly left in this Reclamation plan and we will revise and resend our Reclamation plan including the missing biological information.

Regards,

Joseph Guesnier, NORM RSO
Office Manager

terracon
4518 W. Pierce St I Carlsbad, New Mexico
M (806) 544-9276 I O (806) 589-6525
jrguesnier@terracon.com I terracon.com

From: Knight, Tami C. <tknight@nmslo.gov>
Sent: Thursday, November 7, 2024 4:27 PM
To: Guesnier, Joseph R <Joseph.Guesnier@terracon.com>
Cc: Spencer Jackson <Spencer.Jackson@scoutep.com>; Smith, Chuck F <Chuck.Smith@terracon.com>; Grams, John <John.Grams@terracon.com>
Subject: Scout Energy WDDU #88- Reclamation Plan- Revised Plan Needed

Spencer

The subject document was titled a reclamation plan but it included a remediation plan with it. The remediation plan for this site was approved by ECO on 8/14/24 with conditions. One of the conditions was that samples were to be representative of no more than 200 sq ft. The remediation section of the reclamation plan states samples would be representative of 500 sq ft of the base, this does not correspond with the approved remediation workplan conditions.

Additionally, this well is plugged and the conditions of approval were to submit a reclamation plan for the entire well pad area. Please submit a reclamation plan that follows the reclamation guidance document. Please do not submit an alternative remediation plan that does not follow the previous remediation plan that was approved by ECO, unless there is a change in scope or remediation approach. Which is that was the case, the remediation plan would clearly state this.

Please submit a revised reclamation plan.

Tami C. Knight, CHMM
Environmental Specialist
Environmental Compliance Office
505.670-1638
New Mexico State Land Office
tknight@nmslo.gov
nmstatelands.org

OUT OF OFFICE NOTICE: November 11, 2024

****My email has changed from tknight@slo.state.nm.us to tknight@nmslo.gov, please update your records to reflect the change. Note changes: spills@nmslo.gov and eco@nmslo.gov.****

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From: Guesnier, Joseph R <Joseph.Guesnier@terracon.com>
Sent: Friday, October 25, 2024 4:43 PM
To: SLO Spills <spills@nmslo.gov>
Cc: Spencer Jackson <Spencer.Jackson@scoutep.com>; Knight, Tami C. <tknight@nmslo.gov>; Smith, Chuck F <Chuck.Smith@terracon.com>; Grams, John <John.Grams@terracon.com>
Subject: [EXTERNAL] WDDU #88

Please see the Reclamation Plan attached for the review and approval of the NMSLO,

If you have any questions please let me know.

Regards,

Joseph Guesnier, NORM RSO
Office Manager
Terracon
4518 W. Pierce St I Carlsbad, New Mexico
M (806) 544-9276 I O (806) 589-6525
jrguesnier@terracon.com I terracon.com

Terracon provides environmental, facilities, geotechnical, and materials consulting engineering services delivered with responsiveness, resourcefulness, and reliability.

Private and confidential as detailed here (www.terracon.com/disclaimer). If you cannot access the hyperlink, please e-mail sender.

Received by Imaging: 11/12/2024 9:07:11 AM

Smith, Chuck F

From: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Sent: Friday, October 11, 2024 9:51 AM
To: Spencer Jackson
Subject: RE: [EXTERNAL] Waste Hauling

Good Morning Spencer,

I discussed the hauling of impacted soil from New Mexico to Scout facilities in Texas. OCD is fine with it as long as you can provide confirmation from the Texas Railroad Commission that they are fine with the impacted soil being placed on a TRC regulated facility. The confirmation can be provided via email. The OCD will also require the location where the soil will be taken to. As we discussed, a BOL will work for this portion.

Let me know if you have any other questions.

Ashley Maxwell • Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.635.5000 | Ashley.Maxwell@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

Please be advised that the new Digital C-141 is live as of December 1, 2023. Please review the new Digital C-141 submission Dec 1, 2023 Guidance document posted on the EMRND Website prior to submitting any C-141s. The guidance documents can be found at https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/or https://www.emnrd.nm.gov/ocd/ocd-forms/.

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Friday, October 11, 2024 8:25 AM
To: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Subject: [EXTERNAL] Waste Hauling

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

Good Morning Ashley,

Received by OCD: 11/12/2024 9:07:11 AM

I just wanted to confirm that the NMOCD will be ok with us hauling dirt from NM to our yard in Texas for mixing and re-use? We would be doing this in conjunction with RRC regulations and all soil hauled would be tracked with a manifest or Bill of Lading stating where the soil originated and where it's final destination was. All copies would be provided to the state for there reference upon request.

As we discussed earlier this week, the SLO is ok with this plan and ensuring the NMOCD is ok is the final hurdle we were needing to get through in order to begin excavation.

I look forward to hearing from you.

Thanks,

Spencer Jackson
Senior HSE Specialist

Received by OCD: 5/10/2024 10:10:39 AM

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

Released to Imaging: 6/12/2024 3:07:11 PM

Received by Imaging: 11/12/2024 3:07:11 PM

Smith, Chuck F

From: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Sent: Wednesday, October 30, 2024 8:47 AM
To: Spencer Jackson
Subject: RE: [EXTERNAL] Waste Hauling

Good Morning Spencer,

I would include all this information into your reports. Is there anyway you can send a follow up email to the inspector you spoke with? Brandon Powell, OCD, is wanting something in writing, even if it is an email. If I am able to assist in anyway, let me know.

Ashley Maxwell • Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.635.5000 | Ashley.Maxwell@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

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From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Tuesday, October 29, 2024 1:35 PM
To: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Waste Hauling

Ashley,

Hope this finds you well. I have not had much luck getting anything in writing necessarily from the RRC just yet. I was wondering if these screenshots from the regulations would suffice as it clearly states in the RRC rules that soil mixing/amendments is an acceptable method of remediation in Texas.

Amendments: This is found in the Field Guide for the Assessment and Cleanup of Produced Water Releases. We've always considered clean soil as an amendment as well.

Received by OCD: 11/12/2024 10:10:39 AM

- Amendments- Amendments (e.g., gypsum, organic matter) may be added to soil to restore productivity and structure, based on intended vegetative cover and agricultural use. Improved soil structure allows for natural remediation of soils through increased drainage. Improved structure and plant productivity also reduces potential for erosion. Laboratory analyses for pH, major cations and anions, and EC and delineation of the contaminated area will be necessary to determine the appropriate mix of amendments based on intended soil use. Please refer to the following webpage for an example of remedy development using soil amendments (http://www.kcc.state.ks.us/conservation/scar/).

Statewide Rule 91

Released to Imaging: 4/12/2025 5:07:11 PM

(d) Remediation of soil.

(1) Final cleanup level. A final cleanup level of 1.0% by weight total petroleum hydrocarbons must be achieved as soon as technically feasible, but not later than one year after the spill incident. The operator may select any technically sound method that achieves the final result.

(2) Requirements for bioremediation. If on-site bioremediation or enhanced bioremediation is chosen as the remediation method, the soil to be bioremediated must be mixed with ambient or other soil to achieve a unifo mixture that is no more than 18 inches in depth and that contains no more than 5.0% by weight total petroleu hydrocarbons.

The RRC has no rule that I've seen that states soil cannot come from out of state. I did speak to one RRC inspector who told me he didn't care but I have not received that in writing from him either.

Will this suffice to allow us to begin removing soil from New Mexico and mixing with clean soil at our facility in Texas? Again, all loads will be tracked from Point A to Point B with shipping documents.

Thanks,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

SCOUT

From: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Sent: Friday, October 11, 2024 9:51 AM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>
Subject: RE: [EXTERNAL] Waste Hauling

Good Morning Spencer,

I discussed the hauling of impacted soil from New Mexico to Scout facilities in Texas. OCD is fine with it as long as you can provide confirmation from the Texas Railroad Commission that they are fine with the impacted soil being placed on a TRC regulated facility. The confirmation can be provided via email. The OCD will also require the location where the soil will be taken to. As we discussed, a BOL will work for this portion.

Received by OCD: 5/10/2025 10:10:38 AM

Let me know if you have any other questions.

Ashley Maxwell • Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.635.5000 | Ashley.Maxwell@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

Released to Imaging: 4/12/2025 3:07:11 PM

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From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Friday, October 11, 2024 8:25 AM
To: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Subject: [EXTERNAL] Waste Hauling

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Good Morning Ashley,

I just wanted to confirm that the NMOCD will be ok with us hauling dirt from NM to our yard in Texas for mixing and re-use? We would be doing this in conjunction with RRC regulations and all soil hauled would be tracked with a manifest or Bill of Lading stating where the soil originated and where it's final destination was. All copies would be provided to the state for there reference upon request.

As we discussed earlier this week, the SLO is ok with this plan and ensuring the NMOCD is ok is the final hurdle we were needing to get through in order to begin excavation.

I look forward to hearing from you.

Thanks,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

Received by OCD: 5/10/2025 10:10:39 AM
Page 42 of 349

Released to Imaging: 11/12/2024 3:07:11 PM

Smith, Chuck F

From: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Sent: Tuesday, November 5, 2024 3:37 PM
To: Spencer Jackson
Subject: RE: [EXTERNAL] Fw: Soil Mixing

Hi Spencer,

I spoke with Deputy Director Brandon Powell. OCD will allow the transport if it meets TRC requirements and that they approve of the transport. As we discussed earlier, please include where the soil is being transferred to, document that it meets TRC requirements, and include the correspondence you have with TRC that it is acceptable in your reports.

Let me know if you have any questions.

Thanks,
Ashley

Ashley Maxwell • Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.635.5000 | Ashley.Maxwell@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

The Digital C-141 guidance documents can be found at https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ or https://www.emnrd.nm.gov/ocd/ocd-forms/.

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Tuesday, November 5, 2024 2:32 PM
To: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Fw: Soil Mixing

Received by OCD: 11/12/2024 10:10:39 AM

Hey Ashley,

Did you hear back from your supervisor by chance?

Thanks,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive

Released to Imaging: 4/12/2025 9:07:11 AM

Dallas, TX 75240
scoutep.com

SCOUT

From: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Sent: Monday, November 4, 2024 11:35 AM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>
Subject: RE: [EXTERNAL] Fw: Soil Mixing

Thank you for the update. Let me forward it on to my supervisor for final review.

Ashley Maxwell • Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.635.5000 | Ashley.Maxwell@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

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From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Monday, November 4, 2024 10:23 AM
To: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Subject: [EXTERNAL] Fw: Soil Mixing

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

Ashley,

RRC is good with the soil mixing. Please let me if this will suffice for yall to allow this work to proceed?

Thanks,
Spencer

Received by OCD: 5/10/2025 10:10:39 AM

Get Outlook for iOS

From: Erik Hanson <Erik.Hanson@rrc.texas.gov>
Sent: Monday, November 4, 2024 10:19 AM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>
Subject: RE: Soil Mixing

Spencer,

Released to Imaging: 4/15/2025 5:07:11 PM

That is correct. Per SWR 91, mixing clean soil with contaminated soil is an acceptable method of remediation.

Erik Hanson
Engineering Specialist | Oil & Gas Division
Railroad Commission of Texas
432-684-5581
Take our Customer Service Survey

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Wednesday, October 30, 2024 8:56 AM
To: Erik Hanson <Erik.Hanson@rrc.texas.gov>
Subject: Soil Mixing

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Good Morning Erik,

Scout energy would like to mix clean soil (no hydrocarbons or chloride contamination) with produced water or crude oil contaminated soil to clean it up and reuse it. I read in SWR 91 and in the RRC guide for cleanup of produced water contaminated soil that mixing soil is an approved remediation method. I just wanted to confirm that as an option? Some of the soil would come from spills that occurred in NM but the NMOCD has already said they are fine with bringing soil to Texas and dumping at a RRC regulated facility as long as we have documentation stating where it started and where it was taken. I just wanted to verify that the RRC does allow the soil mixing for remediation?

Thanks,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

Received by OCD: 5/10/2025 10:10:36 AM

SCOUT

Smith, Chuck F

From: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Sent: Tuesday, January 28, 2025 4:23 PM
To: Spencer Jackson
Cc: Christine A. Peters
Subject: RE: DRAFT Soil Mixing Request

Spencer,

I was looking for a generalized "what Texas is receiving" analytical for the soils which might be the composite sampling you cited. What might be representative values and possibly a range that could be expected. You could submit previous soil testing to satisfy the representative values for your sites.

Mike

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Tuesday, January 28, 2025 2:24 PM
To: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Cc: Christine A. Peters <Christine.Peters@rrc.texas.gov>
Subject: RE: DRAFT Soil Mixing Request

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Mike,

I had a quick question I was hoping you could answer for me.

-Regarding the analysis of soil that represents a generalized background of soil contamination. Can you help me understand more what you're asking? The soil would be coming from 5 different locations. Are you just asking for a generalized sample that represents all 5 of those locations? Almost like a composite sample?

Thank You,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

SCOUT

Released to Imaging: 4/17/2025 5:07:11 PM

From: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Sent: Friday, January 17, 2025 8:49 AM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>
Cc: Christine A. Peters <Christine.Peters@rrc.texas.gov>
Subject: RE: DRAFT Soil Mixing Request

Hello Spencer,

I have a list of items we will need, submitted in hard copy form, to review before a letter of authority (LOA) can be issued.

Operator name, P-5 number, address, phone number, and contact person. Note that unless otherwise specified in an application, the permit and correspondence will only be mailed to the operator's P-5 address.

Location and description of the site in New Mexico where the waste is generated.

Narrative description of the waste.

Estimated volume of waste to be transported from New Mexico to Texas.

A laboratory analysis of soil that represents a generalized background of the soil contamination. Can

The laboratory analysis of the soil will follow 16 TAC §4.163(d) attached to this document.

In addition to the laboratory analysis following 16 TAC §4.163(d), a measurement of the amount of NORM that is contained in the contaminated soil using a scintillation meter and background readings reported in Microroentgens per hour (µR/hr).

Location, description, and map of the site in Texas where the waste is stored and areas to receive waste.

Provide documentation of the ownership of the land or a copy of the signed lease agreement between the applicant and the surface owner where the contaminated soil will be stored or later amended to the lease.

A narrative how the stored waste will be contained where no stormwater runoff from the contained area will occur and where no impact to surface water or groundwater will occur.

Depth to groundwater.

Location of any water wells within a mile from the storage or amending area(s).

Received by OCD: 5/10/2025 10:10:38 AM

Location of any residence within a mile from the storage or amending area(s).

You may send the hard copies to:

Railroad Commission of Texas
Technical Permitting
P.O. Box 12967 Austin, Texas 78711-2967

If I can help you further, please contact me,

Mike

Released to Imaging: 4/15/2025 3:07:11 PM

Mike Chadwick, PG
Geologist | EPS Division
Railroad Commission of Texas
512-463-6274
Take our Customer Service Survey

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Monday, January 6, 2025 1:24 PM
To: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Cc: Christine A. Peters <Christine.Peters@rrc.texas.gov>
Subject: RE: DRAFT Soil Mixing Request

CAUTION: This email originated from outside of the Railroad Commission of Texas. Do NOT click links or open attachments from unknown sources without first confirming the message is legitimate. If you believe this to be a malicious and/or phishing email, please contact the ITS Help Desk at 512-463-7229. Do not respond to or forward the email, click on any links or open any attachments without guidance from the Help Desk

Good Afternoon Mr. Chadwick and Happy New Year,

I wanted to follow up to see if there had been any updates from your legal group regarding our request to bring soil from NM to Texas?

I hope to hear from you soon.

Thank You,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

Received by OCD: 5/1/2025 10:10:36 AM

SCOUT

From: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Sent: Friday, December 13, 2024 6:52 AM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>
Cc: Christine A. Peters <Christine.Peters@rrc.texas.gov>
Subject: RE: DRAFT Soil Mixing Request

Mr. Jackson,

I have only heard that the request is being reviewed by legal. Our legal has been preoccupied with a hearing that lasted a week. The proceedings ended I believe on Wednesday. Our permitting group has begun receiving responses from legal on some back-logged questions, and I expect to hear back soon on your matter.

Mike

Mike Chadwick, PG
Geologist | EPS Division
Railroad Commission of Texas
512-463-6274
Take our Customer Service Survey

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Wednesday, December 11, 2024 8:05 AM
To: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Subject: RE: DRAFT Soil Mixing Request

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Good Morning Mike,

I apologize for the consistent follow ups. We're ready to start working on these projects but the soil piece is what's preventing us from starting. Did you ever get any response from your legal department?

Thanks,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

From: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Sent: Thursday, December 5, 2024 6:44 AM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>
Subject: RE: DRAFT Soil Mixing Request

Received by OCD: 5/10/2025 10:10:39 AM

Hello Spencer,

Let me contact our legal department and see where we are. I will be getting back with you later today.

Mike

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Wednesday, December 4, 2024 11:32 AM
To: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Subject: RE: DRAFT Soil Mixing Request

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Good Day Mike,

Just wanted to follow up with you. Have you heard anything more from your legal department on this?

Thanks,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

SCOUT

From: Spencer Jackson
Sent: Thursday, November 21, 2024 7:41 AM
To: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Subject: RE: DRAFT Soil Mixing Request

Mike,

Thank you for the clarification. I've attached an email from the NMOCD stating they are fine with the removal of soil from NM and hauling to a Texas RRC regulated facility. Hope this helps.

Thanks,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240

Released to Imaging: 4/12/2025 7:07:11 AM

scoutep.com

SCOUT

From: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Sent: Thursday, November 21, 2024 7:39 AM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>
Subject: RE: DRAFT Soil Mixing Request

Spencer,

I have a question in to our legal department (as of the 14th and 16th of this month) that they are working on. When I receive their answer, I will be able to forward that information for you to consider. Most of it has to do with the level of reporting for the impacted soil and if a confirmation from New Mexico is necessary.

Mike

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Wednesday, November 20, 2024 2:34 PM
To: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Subject: RE: DRAFT Soil Mixing Request

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Good Afternoon Mike,

Just wanted to follow up with you regarding my draft email as per our discussion last week. Did you have any changes or re-wordings you'd like for me to make before I send you the "official" email?

Thanks,

Spencer Jackson
Senior HSE Specialist
Received by OCD: 5/10/2025 10:10:38 AM

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

SCOUT

From: Spencer Jackson
Sent: Thursday, November 14, 2024 3:47 PM

Released to Imaging: 4/12/2024 3:07:11 PM

To: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Subject: DRAFT Soil Mixing Request

Mr. Chadwick,

Please see my draft request per our discussion this morning.

Scout Energy would like to request permission from the RRC to bring contaminated dirt that exceeds NMOCD standards for Chlorides and TPH to Texas and use as road base or repair dirt on Scout energy owned P5 permitted well locations. This soil, while exceeding NMOCD standards, for the most part does not exceed Texas RRC cleanup standards and as such does not pose a risk of contaminating Texas soil. Any soil that might exceed Texas RRC standards will be amended with clean dirt from locally sourced Scout owned caliche and sand pits and again, utilized for repair of well locations, road base and other oilfield activities. The NMOCD has granted permission for this work to commence under the condition that the RRC provides written approval as well. Please let me know if this is something the RRC can accept.

Best Regards,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

Received by OCD: 5/10/2024 10:10:39 AM

From: Knight, Tami C. <tknight@nmslo.gov>
Sent: Thursday, November 21, 2024 2:41 PM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>; Smith, Chuck F <Chuck.Smith@terracon.com>
Cc: Guesnier, Joseph R <Joseph.Guesnier@terracon.com>; Grams, John <John.Grams@terracon.com>; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>; Griffin, Becky R. <bgriffin@nmslo.gov>; David, Deon W. <ddavid@nmslo.gov>
Subject: RE: Scout Energy WDDU #88- Reclamation Plan- NPAC0616632139

Spencer

The reclamation plan for the subject release area is approved. The entire area of disturbance must be reclaimed when 30-025-12365 is plugged.

Please submit the remediation closure report and reclamation activity report to eco@nmslo.gov.

Thank you

Tami C. Knight, CHMM
Environmental Specialist
NMSLO Environmental Compliance Office
505.670-1638
tknight@nmslo.gov

NMSLO is closed Nov 27-29
OUT OF OFFICE NOTICE: Nov 25-29, 2024

CONFIDENTIALITY NOTICE - This e-mail transmission, including all documents, files, or previous e-mail messages attached hereto, may contain confidential and/or legally privileged information. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that you must not read this transmission and that any disclosure, copying, printing, distribution, or use of any of the information contained in and/or attached to this transmission is STRICTLY PROHIBITED. If you have received this transmission in error, please immediately notify the sender and delete the original transmission and its attachments without reading or saving in any manner. Thank you.

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Thursday, November 14, 2024 2:00 PM
To: Knight, Tami C. <tknight@nmslo.gov>; Smith, Chuck F <Chuck.Smith@terracon.com>
Cc: Guesnier, Joseph R <Joseph.Guesnier@terracon.com>; Grams, John <John.Grams@terracon.com>; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>; Griffin, Becky R. <bgriffin@nmslo.gov>; David, Deon W. <ddavid@nmslo.gov>
Subject: [EXTERNAL] RE: Scout Energy WDDU #88- Reclamation Plan- NPAC0616632139-Revised Plan Needed

Ms. Knight,

Attached is the revised reclamation plan for the WDDU #88 removing the remediation plan and updating the sampling interval to 400'. Please let me know if this is sufficient for the SLO to approve this plan.

Thank You,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842

M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com



Released to Imaging: 7/17/2025 5:07:11 PM

Smith, Chuck F

From: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Sent: Wednesday, June 4, 2025 8:21 AM
To: Spencer Jackson
Cc: Christine A. Peters
Subject: Approved and signed LOA-0042
Attachments: 20250604_LOA-0042_Permit.pdf

External email
Contains topics of a financial nature

Hello Spencer,

Attached is a courtesy copy of your approved and signed LOA-0042 to receive, store, and transfer soils for well pad and lease roads repair.

The hard copy of the signed and approved LOA was mailed out this morning.

Let me know if I can do anything further for you.

Mike

Mike Chadwick, PG
Geologist | EPS Division
Railroad Commission of Texas
512-463-6274
Take our Customer Service Survey

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Monday, June 2, 2025 3:05 PM
To: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Subject: RE: Additional Soil Hauling Locations

Received by OCD: 7/17/2025 10:10:39 AM

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Thank you so much Mike. I'm sorry to keep bothering you. I greatly appreciate you.

Spencer Jackson
Senior HSE Specialist

Released to Imaging: 6/12/2025 9:07:11 AM

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

SCOUT

From: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Sent: Friday, May 30, 2025 5:12 PM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>
Subject: RE: Additional Soil Hauling Locations

Spencer,

I am working on it now and will have it out to you this coming Wednesday. We have been swamped over here.

Mike

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Thursday, May 29, 2025 4:45 PM
To: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Subject: Re: Additional Soil Hauling Locations

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Good day Mr. Chadwick,

I'm sorry to keep bothering you about this but I just wanted to follow up on this permit? We're hoping to start rolling with excavation in June so just let wanted to see if we'll see that permit soon.

Received by OCD: 6/10/2025 10:10:36 AM

Thank you Sir
Spencer Jackson

Get Outlook for iOS

From: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Sent: Monday, May 19, 2025 1:19:36 PM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>
Subject: RE: Additional Soil Hauling Locations

Hello Mr. Jackson,

I don't have any questions at the moment. I am at a point in my workload where I can begin to put together your permit tomorrow. If I get stuck on something, I'll call you.

Thanks for checking in,

Mike

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Friday, May 16, 2025 8:58 AM
To: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Subject: RE: Additional Soil Hauling Locations

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Good Morning Mr. Chadwick,

Hope this finds you well today. Did you have any questions or any updates on our soil hauling from NM to Texas application?

Thank you Sir.

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

From: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Sent: Friday, May 2, 2025 1:20 PM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>
Subject: RE: Additional Soil Hauling Locations

Spencer,

I will merge these with your application.

This is good information.

Have a great weekend,

Released to Imaging: 4/15/2025 3:07:11 PM

Mike

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Friday, May 2, 2025 10:52 AM
To: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Subject: Additional Soil Hauling Locations

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Mr. Chadwick,

Please see 3 additional locations that Scout can use for hauling soil from NM to Texas that can accompany the 3 I already provided to you. Please let me know if you have any questions or additional concerns.

Thanks,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

SCOUT

Received by OCD: 5/10/2025 10:10:39 AM

Released to Imaging: 6/12/2025 3:07:11 PM

Smith, Chuck F

From: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Sent: Monday, June 16, 2025 7:57 AM
To: Spencer Jackson
Subject: Revised permit
Attachments: 20250616_LOA-0042_Permit.pdf

External email

Hello Spencer,

I am providing you a courtesy copy of the revised permit that supersedes the LOA issued for June 4, 2025. The hard copy should be going out this morning. This revision provides the correct soil testing parameters for rules existing pre-July 1st.

Let me know If I can do anything further.

Mike

Mike Chadwick, PG
Geologist | EPS Division
Railroad Commission of Texas
512-463-6274
Take our Customer Service Survey

Chapter 4 Update: Read All About Chapter 4

Email your Chapter 4 questions to: EPSch4@rrc.texas.gov

Received by OCD: 6/10/2025 10:10:39 AM

Smith, Chuck F

From: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Sent: Thursday, October 9, 2025 6:48 AM
To: Spencer Jackson
Subject: LOA-0042
Attachments: 20251009_LOA-0042_LOA.pdf

Follow Up Flag: Follow up
Flag Status: Completed

External email

Spencer,

Attached is a courtesy copy of the amended LOA-0042 with the requested increase of soil to be transported from 18,000 to 25,000 cubic feet. The attached amended LOA-0042 will go out in the mail this morning.

Let me know if I can do anything further,

Mike

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Wednesday, October 8, 2025 9:29 AM
To: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Subject: RE: Permit Volume Increase

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Mike,

We'll exceed the 18,000 yards today. I know you said you got to document on your end and get back to me but are we at least good to continue working and hauling event though we'll go over today?

Thanks,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

Released to Imaging: 11/12/2025 5:07:11 PM

Received by Imaging: 11/12/2025 5:07:11 PM

SCOUT

From: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Sent: Tuesday, October 7, 2025 1:36 PM
To: Spencer Jackson <Spencer.Jackson@scoutep.com>
Subject: RE: Permit Volume Increase

I do not see a problem increasing your permit from 18,000 cubic yards to 25,000 cubic yards. Let me document this on my end and I will get back with you.

Mike

From: Spencer Jackson <Spencer.Jackson@scoutep.com>
Sent: Tuesday, October 7, 2025 9:15 AM
To: Mike Chadwick <Mike.Chadwick@rrc.texas.gov>
Subject: Permit Volume Increase

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Good Morning Mike,

Scout is requesting a volume increase from 18,000 cubic yards to 25,000 cubic yards for Permit #**LOA-0042**. We're approaching 18,000 cubic yards which is what the original permit allowed but with touchups and additional excavation on these sites we expect to exceed the original allotted amount of 18,000 cubic yards stored at at the dump sites. We still have 2 whole dump locations that have not been utilized yet for soil dumping so storage space is not an issue.

Please let me know if there is any issues with this.

Thank You,

Spencer Jackson
Senior HSE Specialist

O) 972-505-3842
M) 972-965-5580
13800 Montfort Drive
Dallas, TX 75240
scoutep.com

SCOUT

APPENDIX B
Boring Log & NMOSE Well Log Report

BORING LOG

Project No.: 702179.08.01

Site Name: Mexico J Battery

Location: Lea County, New Mexico

Date: 10/12/2022

Boring Number: B-1

Weather: Clear, Temp.: 78°F

Logger: K. Taylor

Field Instrument: NA

Latitude: 32.163007 N

Longitude: -103.082068 W

Driller: J. Tausch

Rig Type: Geoprobe 66/78 Series

Bit Size: 4 1/4 inches

Drilling Method: Auger

Sample Retrieval Method: Drill Cuttings

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
0900	☐	0-5’		SM		Fine grained silty sand, light brown, dry	None	
0905	☐	5-10’		SM		Fine grained sandy silt, reddish brown, dry	None	
0908	☐	10 - 15’		SM		Fine grained silty sand, light brown, dry	None	
0912	☐	15-40’		SM		Fine grained sandy silt, reddish brown, dry	None	
0915	☐	45-55’		SM		Medium to fine grained silty sand, reddish brown, dry	None	
	☐					TD – 55’ Groundwater not encountered		
	☐							
	☐							
	☐							
	☐							

Notes: The borehole was advanced to 55’ below ground surface (bgs). A 2-inch diameter temporary well constructed of schedule 40 PVC thread coupled to 20-feet of machine slotted well screen was installed in the open borehole. 72-hours after installation, a Solinest water level meter was utilized to determine the presence or absence of groundwater. The temporary well casing was subsequently removed and the bore hole backfilled with hole plug (bentonite chips) and hydrated.

Logger Initials: KT

Released to Imaging: 4/15/2026 2:07:11 PM

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00514 POD1	2	2	2	05	25S	38E	681508	3560414*

Driller License: 99 **Driller Company:** O.R. MUSSELWHITE WATER WELL SE

Driller Name: MUSSELWHITE, O.R.

Drill Start Date:	05/15/1966	**Drill Finish Date:**	05/16/1966	**Plug Date:**	09/25/1979
Log File Date:	05/20/1966	**PCW Rcv Date:**	10/31/1966	**Source:**	Shallow
Pump Type:	TURBIN	**Pipe Discharge Size:**		**Estimated Yield:**	12 GPM
Casing Size:	7.00	**Depth Well:**	140 feet	**Depth Water:**	105 feet

Water Bearing Stratifications:	Top	Bottom	Description
	100	125	Shale/Mudstone/Siltstone

Casing Perforations:	Top	Bottom
	87	140

***UTM location was derived from PLSS - see Help**

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

APPENDIX C
RRC Permit-LOA 0042

JIM WRIGHT, CHAIRMAN
WAYNE CHRISTIAN, COMMISSIONER
CHRISTI CRADDICK, COMMISSIONER

DANNY SORRELLS
ASSISTANT EXECUTIVE DIRECTOR
DIRECTOR, OIL AND GAS DIVISION
PAUL DUBOIS
ASSISTANT DIRECTOR, TECHNICAL PERMITTING

RAILROAD COMMISSION OF TEXAS

OIL AND GAS DIVISION

June 16, 2025

INITIAL
LOA-0042
Facility ID: 00017561
Organization No.: 760218
Supersedes Permit issued on June 4, 2025
Issued on June 16, 2025

455-19
SCOUT ENERGY MANAGEMENT, LLC.
13800 MONTFORT DR STE 100
DALLAS, TX 75240

Letter of Authority (LOA) for Scout Energy Management, LLC
Receiving, Storing, and Transferring Soils for
Well Pad and Lease Roads Repair
Locations to receive soils: Appendix A
Locations for excavation of soils: Appendix B
Andrews County, Texas
RRC District 08, Midland

Information contained in the Scout Energy Management, LLC, original pilot project application, received on April 21, 2025, and subsequent information received May 2, 2025, outlined removal of 18,000 cubic yards of produced water impacted soils from Scout Energy Management leases just over the New Mexico state line and transporting the soils to Scout Energy Management, LLC, leases just over the Texas state line to repair well pads and lease roads.

Authority is granted by the Railroad Commission of Texas (RRC) for a pilot project to receive, store, and transfer produced water impacted soils to repair well pads and lease roads in accordance with Texas Administrative Code (TAC) Title 16, Part 1, Chapter §3.8 (Statewide Rule 8), any subsequent changes to RRC rules, and is subject to the following minimum conditions:

I. General Conditions

A. The authority granted by this permit is effective **June 16, 2025,** and will expire on **June 30, 2026**.

B. The total volume of soils applied to Scout Energy Management, LLC, leases shall not exceed **18,000** cubic yards and is restricted to the **Appendix A** referenced locations.

C. Unless otherwise required by the conditions of LOA-0042, the well pad units, lease roads, and repair and maintenance in the Scout Energy Management leases must be in accordance with the information represented in the permit application and attachments thereto.

D. LOA-0042 is nontransferable without the written consent of the RRC.

E. This permit does not authorize the discharge of any oil and gas waste to surface or subsurface water.

F. Signs must be posted at the entrance to the six well pad unit sites, identified in **Appendix A**. The signs must be readily visible and show the operator's name, facility name, and permit number in letters and numerals at least three (3) inches in height.

G. The Midland District Office must be notified at least 48 hours prior to initiating placement of soils at the designated lease properties.

H. Excavation and transportation of soils will only occur from leases owned by Scout Energy Management that are identified in **Appendix B.**

I. Soils must be transported using proper containment to prevent leaks or loss of material in transit. Any spills must be promptly cleaned up and disposed of in an authorized manner.

J. Soils received in any of the six well pad unit sites will be stored in approximately 4 foot high mounds.

K. Safety Data Sheets (SDS) must be maintained onsite for any chemical or compound proposed to be used in the treatment of soils at the leases identified in **Appendix A.** All chemicals must be stored according to the manufacturer's specifications.

L. Any soil additives, stabilizers, bio-accelerators or treatment chemicals must be reported to Technical Permitting prior to use on soils. Approved materials must be stored in vessels designed for the safe storage of the particular chemical and these vessels must be maintained in a leak free condition.

M. Berms will be placed around soil storage to prevent any runoff.

N. The permittee must make all records required by this permit available for review and/or copying during normal business hours upon request by RRC personnel.

O. The permittee must submit a **Quarterly Report** according to the following:

1. The report must contain applicable information as required in Record Keeping Requirements III.A.
2. The quarterly reporting periods must be January 1 through March 31, April 1 through June 30, July 1 through September 30, and October 1 through December 31 of each year.
3. The reports must be submitted to Technical Permitting in Austin and the appropriate District Office no later than the 30th day of the month following each reporting period, or each April 30th, July 30th, October 30th and January 30th, respectively.
4. An Executive Summary must be included that describes the receiving, storing, transferring operations, and relevant reconstruction activities that occurred on the leases identified in **Attachment A** during the specific quarter.
5. Data tables presenting volumes of accumulated soil on each lease during the specific quarter must be included.
6. A report of the records required by Permit Condition III A. must be submitted to Technical Permitting in Austin as part of the Quarterly Report required in Condition I.N. of this permit.

P. Failure to comply with any provision of this permit shall be cause for modification, suspension, termination, or cancellation of this permit if Technical Permitting determines that the permittee is in violation of Statewide Rule 8 (d)(6)(E) and any subsequent changes to RRC rules.

II. Authorized Wastes

A. Only soils impacted by produced water from leases identified in **Appendix B** will be excavated and transported to the leases identified in **Appendix A**.

B. No oil and gas Naturally Occurring Radioactive Material (NORM) waste as defined in 16 TAC §4.603 (Oil and Gas NORM) or waste from a facility that is licensed by the Texas Department of State Health Services (DSHS) to process or treat oil and gas NORM waste may be received on the leases identified in **Appendix A**.

C. No drilling fluids, associated cuttings, free oil, or other wastes may be received on the leases identified in **Appendix A**

III. Record Keeping Requirements

A. The permittee must maintain the following records on each load of soil received at the facility for a period of three (3) years from the date of receipt and will be made available to RRC personnel upon request:

1. Description of the site where the soil was removed, including:
    a. Site name
    b. Lease name and number, and well number(s), or gas ID number(s), or American Petroleum Institute (API) well numbers as applicable.
    c. County
2. Date and site name where the soil is received
3. Name of the transporter
4. Volume of soil material received (specify units)
5. Cumulative volume of soil received in each lease
6. Type and description of soil material

IV. Closure Reporting

A. For the purposes of monitoring and sampling, the soils received and stored in 4 foot high mounds within any of the six leases, the following definitions will be employed:

TREATMENT ZONE	ZONE DEPTH
Surface Treatment Zone (STZ)	0 to 12 inches below land surface (bls)
Waste Treatment Zone (WTZ)	12 inches to 24 inches bls
Compliance Monitoring Zone (CMZ)	24 inches to 36 inches bls

B. Each of the 4 foot high mounds of received soils on any well pad unit will be sampled and analyzed before any soils are used to repair well pads or repair to lease roads occurs.

C. The minimum soil samples and analysis shall be collected and analyzed as follows:

1. Soil samples from any of the 4 foot high soil mounds shall be collected for analysis after soil placement and before any well pad and lease road repair for each individual unit as located in **Appendix A.**

2. Soil samples shall be collected as follows:

   a. Each of the 4 foot high soil mounds, located on any of the six individual well pad units is to be subdivided geometrically into four quadrants**.** Within each quadrant there will be 1 soil sample collected from each depth zone as defined and illustrated in the above table IV.A.

   b. One soil sample must be collected from Zone 1 (0 to 12 inches in depth) from the center of the quadrant.

   c. One soil sample must be collected from Zone 2 (12 to 24 inches in depth) from the center of the quadrant.

   d. One soil sample must be collected from Zone 3 (24 to 36 inches in depth) from the center of the quadrant.

   e. The four soil samples collected from the 4 foot high soil mounds, sampled for each depth zone, will be composited into one single combined soil sample representing the entire well pad unit at each STZ, WTZ, and CMZ prescribed depth.

   f. The three combined soil samples, STZ, WTZ, and CMZ will be submitted for lab testing for each 4 foot high soil mound located on any of the six well pad units.

3. Soil samples will be analyzed for the following parameters and the specified limitations must not be exceeded:

PARAMETER	LIMITATION
pH *EPA Method 9045C*	6 to 10 Standard Units
Electrical Conductivity (EC)[1]	≤ 4.0 mmhos/cm
Total Petroleum Hydrocarbons (TPH) *Method TX1005*	≤10,000 mg/kg or 1% by weight
Total Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) *EPA Method 8021/8260B*	≤ 30 mg/kg
Metals (Total) *EPA Method 6010I602017471A*	
Arsenic	≤ 10 mg/kg
Barium	≤ 20,000 mg/kg
Cadmium	≤ 3 mg/kg
Chromium	≤ 100 mg/kg
Lead	≤ 200 mg/kg
Mercury	≤ 10 mg/kg
Selenium	≤ 5 mg/kg
Silver	≤ 200 mg/kg

4. If any parameter from a STZ, WTZ, or CMZ composite sample exceeds the limitation specified by Permit Condition IV.B.3., the quadrant representing the sample must be resampled for that specific parameter. Resampling is required for no less than once per month until the sample does not exceed the particular limitation for closure.

V. Final Closure and Report

A. The permittee shall report the date each well pad unit began to receive soils to the Technical Permitting Section in Austin.

B. The permittee shall report the date each well pad unit ceased receiving soils to the Technical Permitting Section in Austin.

C. A written report shall be submitted within 30 days after the soil analysis shows the composite samples in the STZ, WTZ, and CMZ of a well pad unit meet all the limit requirements found in the IV.B.3. table "*Standard Soil Sampling Closure Parameters*". The report must include:

1. A description of any soil treatment, soil placement to repair the well pad unit or lease roads during the receiving, storing, and transferring soils for the pilot project.

2. Tabulations of the volume of soil placement to repair the well pad unit or lease roads.
3. The soil sample analysis of the STZ, WTZ, and CMZ from the well pad unit composite samples.

D. A final report shall be submitted 120 days after all well pad units pass all the limits listed in in the IV.B.3. table “Standard Soil Sampling Closure Parameters”.

E. Each report must include:

1. A summary of fluid and soil sampling activities that occurred during the reporting period.
2. A tabular summary of fluid and soil sampling results received during the reporting period.
3. Laboratory analytical reports and the corresponding chain of custody for all well pad units.
4. Reports may be submitted in hard copy to Technical Permitting in Austin or may be submitted digitally via Commission approved methods.

This authorization is granted subject to review and cancellation should investigation show that such authorization is being abused.

APPROVED AND ISSUED ON **June 16, 2025**



Christine Peters, P.G., Manager
Environmental Permits & Support
Technical Permitting

Attachment: Appendices A and B

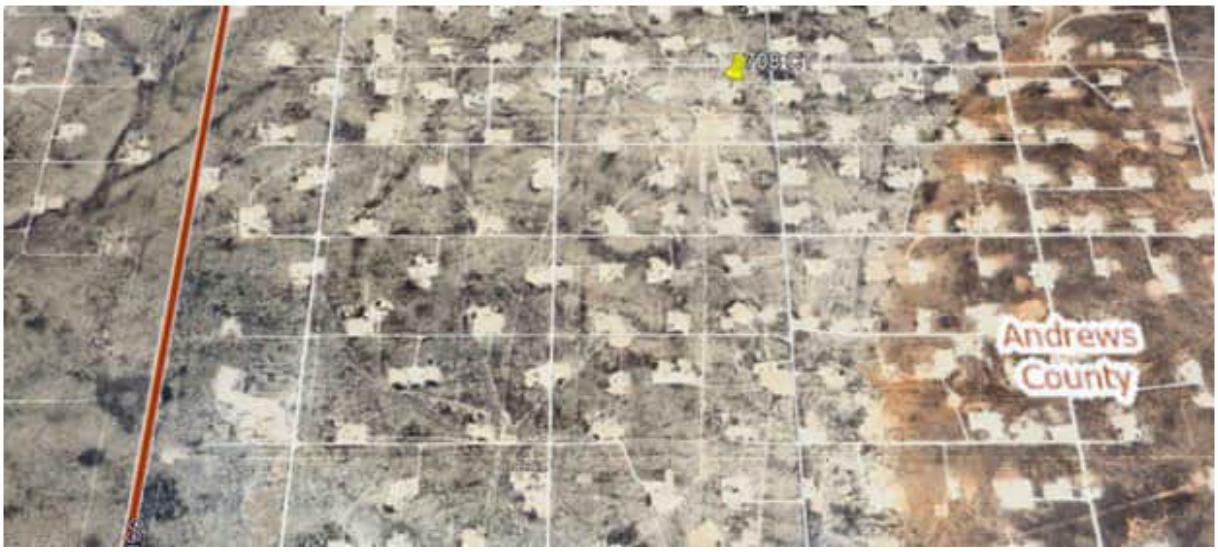
CC: Spencer Jackson, Senior HSE Specialist
Spencer.Jackson@scoutep.com

RRC District 08, Midland

APPENDIX A

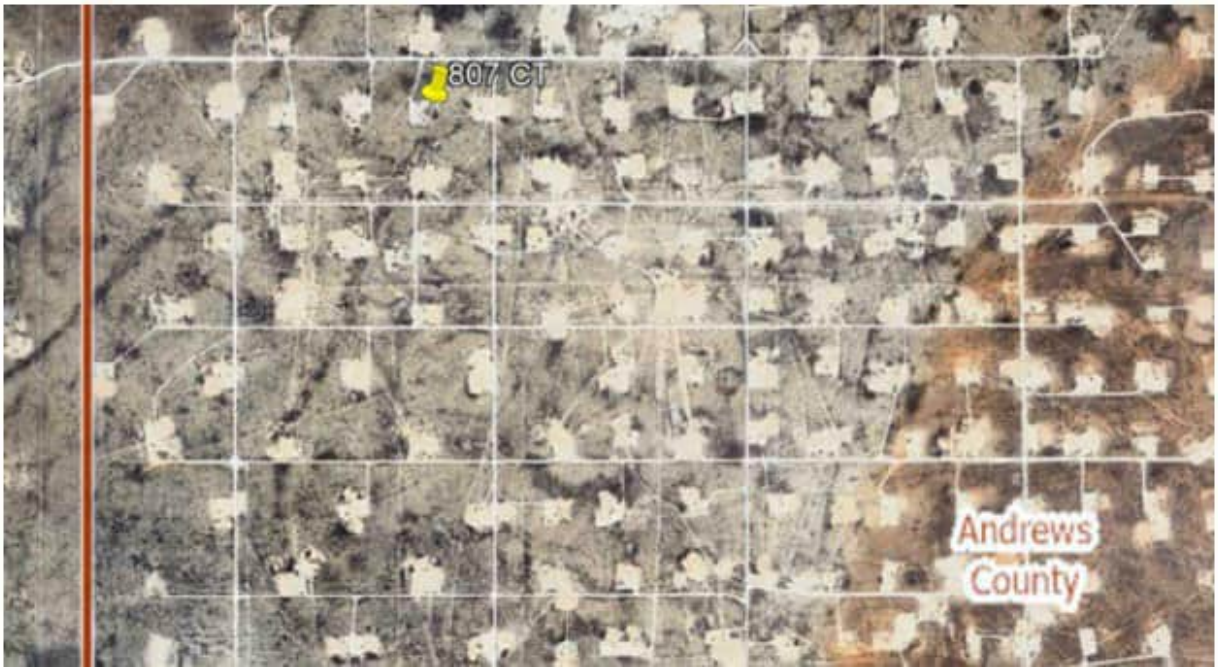
Locations of Soil Placement,

Dollarhide Unit 708CT (32.167537, -103.045327)-Plugged and Abandoned well pad location approximately 1.13 miles East of the New Mexico/Texas state line and 1.53 miles North from the intersection of SW 9999 and SW 9751, Andrews County, Texas. The location is approximately 81,984 square feet (1.88 acres) of un-reclaimed surface area. The legal description of the area is BLK A-52 SEC 17 AB 1884 ALL PSL.



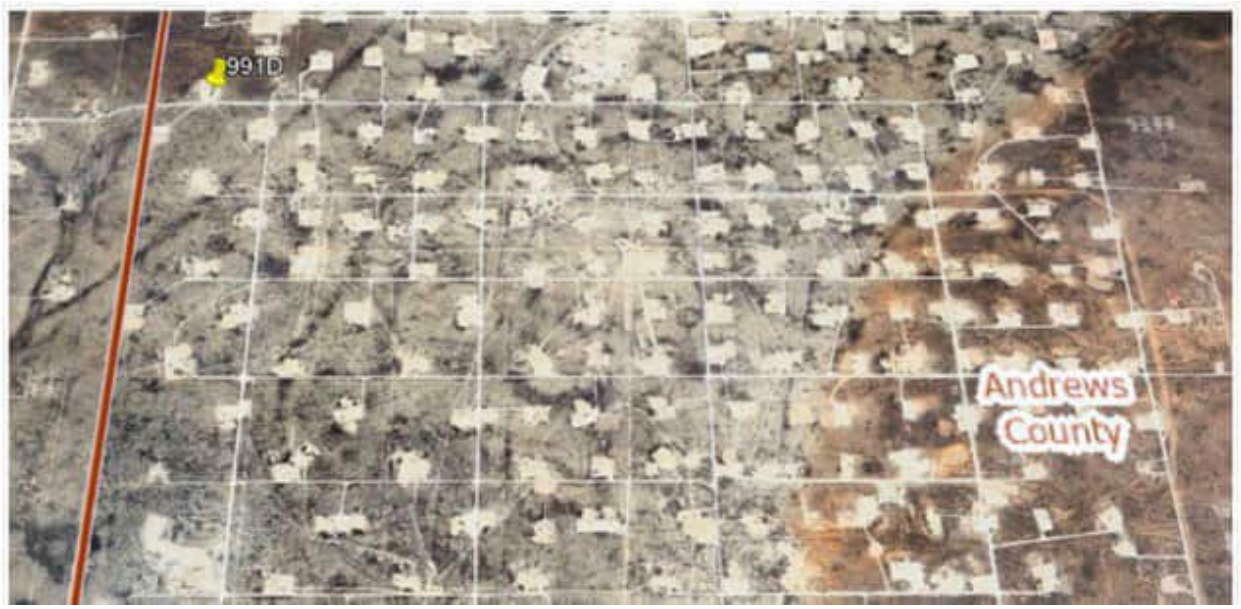


Dollarhide Unit 807 CT (32.17093, -103.053745)- Plugged and Abandoned well pad location approximately 0.63 miles East of the New Mexico/Texas state line and 1.86 miles Northwest from the intersection of SW 9999 and SW 9751, Andrews County. The location is approximately 67,270 square feet (1.54 acres) of un-reclaimed surface area. The legal description of the area is BLK A-52 SEC 16 AB 1883 ALL PSL.



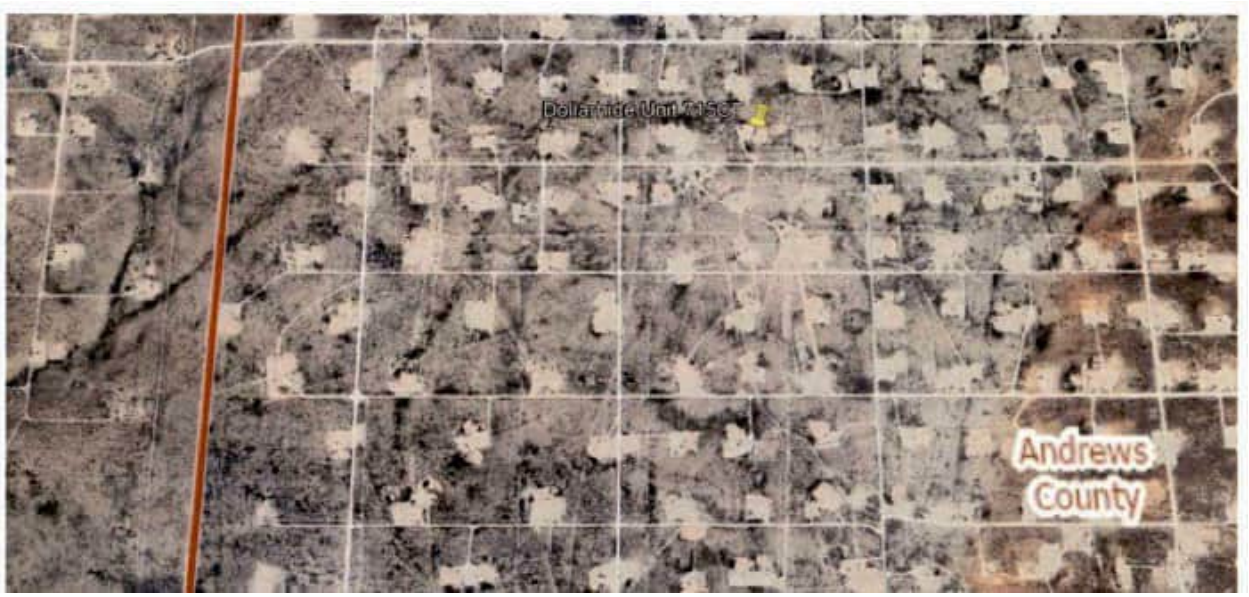


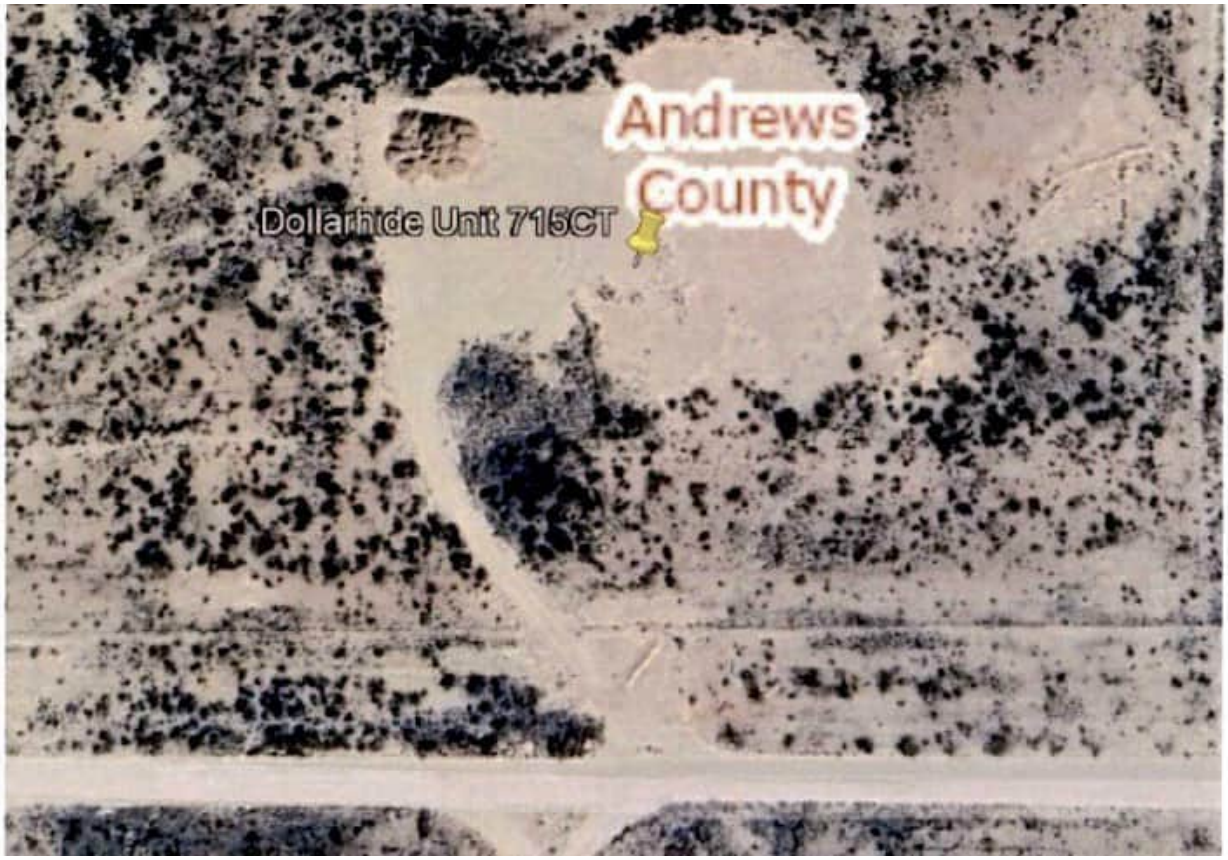
Dollarhide Unit 991 D (32.1729853, -103.06298)- Plugged and Abandoned well pad location approximately 0.12 miles East of the New Mexico/Texas state line and 2.17 miles NorthWest from the intersection of SW 9999 and SW 9751, Andrews County, Texas. The location is approximately 90,528 square feet (2.08 acres) of un-reclaimed surface area. The legal description of the area is BLK A-52 SEC 16 AB 1883 ALL PSL.



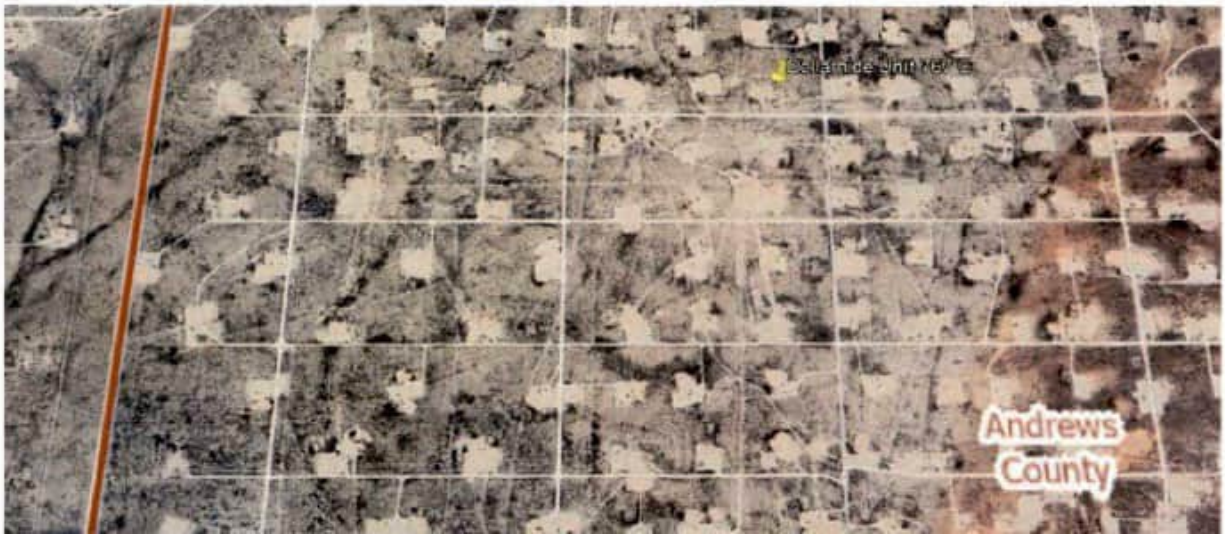


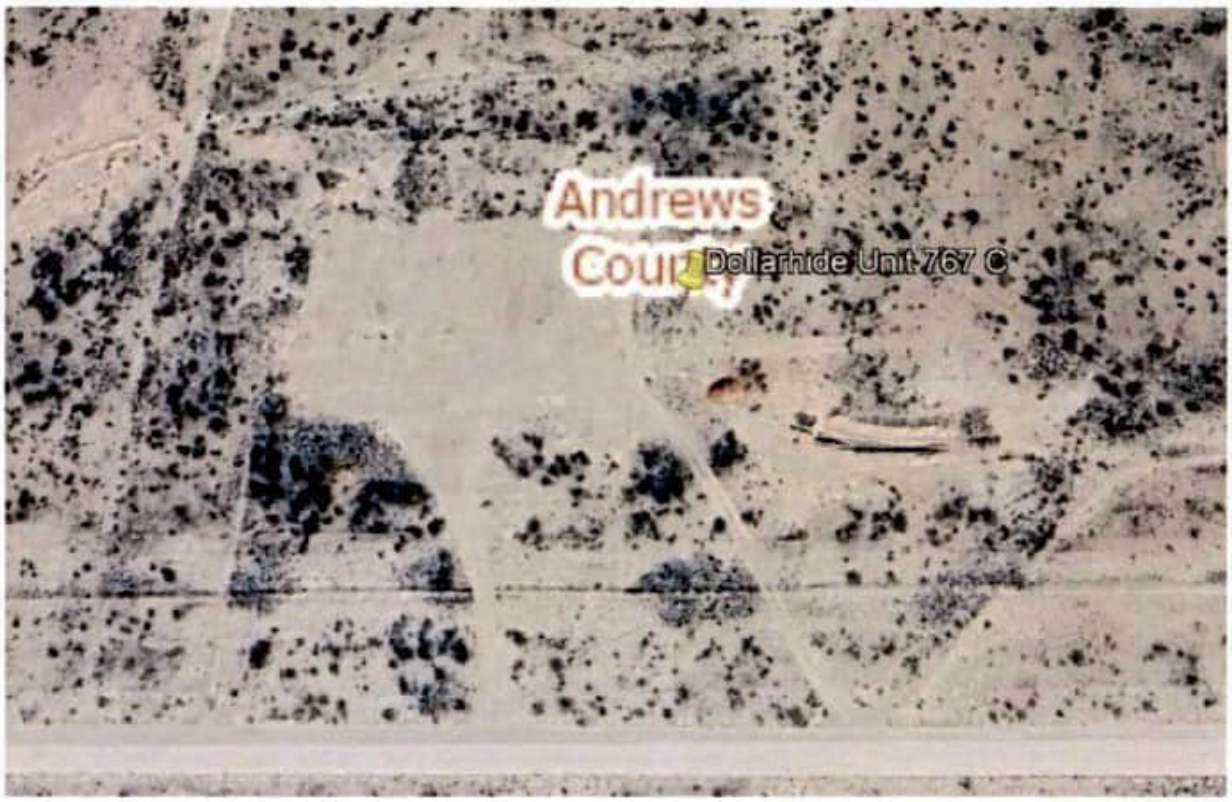
Dollarhide Unit 715CT (32.169459. -1Q3.Q47375)-PluQaed and Abandoned welt pad location approximately 1.04 miles East of the New Mexico/Texas state line and 1.6 miles from the intersection of SW 9999 and SW 9751,Andrews County, Texas. The location is approximately 71,400 square feet (1.64 acres) of un-reclaimed surface area. The legal description of the area is BLK A-52 SEC 17 AB 1884 ALL PSL



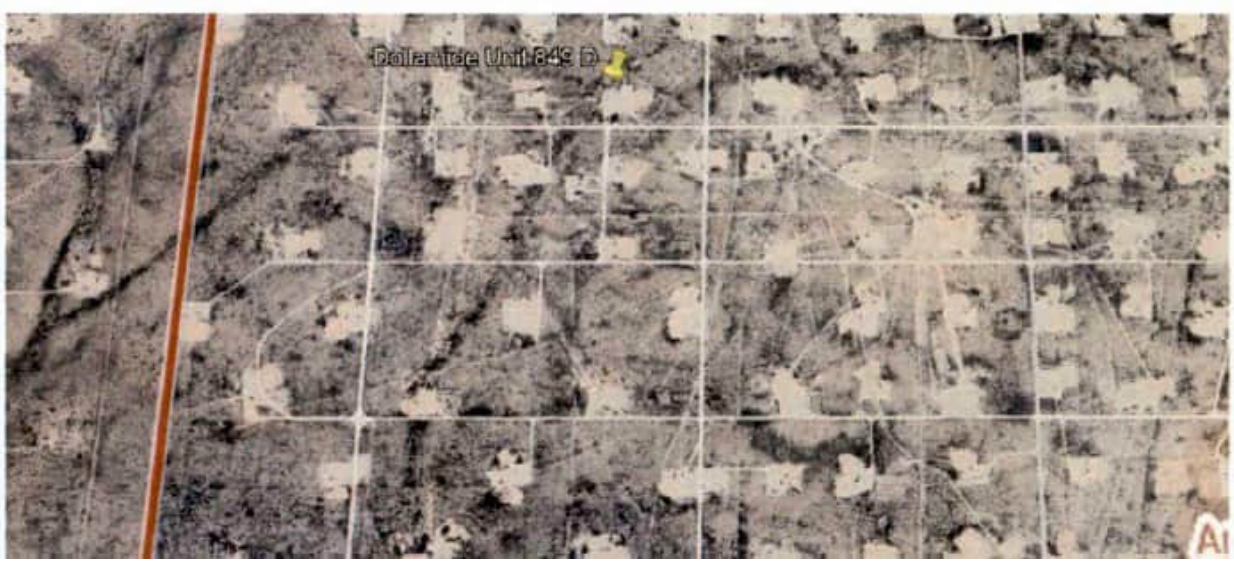


Dollarhide Unit 767 C (32.169307. -103.045598)- Plugged and Abandoned well pad location approximately 1.13 miles East of the New Mexico/Texas state line and 1.6 miles from the intersection of SW 9999 and SW 9751, Andrews County, Texas. The location is approximately 30,932 square feet (0.71 acres) of un-reclaimed surface area. The legal description of the area is BLK A-52 SEC 17 AB 1884 ALL PSL





Dollarhide Unit 849 D (32.169143. -103-053825)- Plugged and Abandoned well pad location approximately 0.62 miles East of the New Mexico/Texas state line and 1.75 miles from the intersection of SW 9999 and SW 9751, Andrews County, Texas. The location is approximately 82,875 square feet (1.90 acres) of un-reclaimed surface area. The legal description of the area is BLK A-52 SEC 16 AB 1883 ALL PSL.



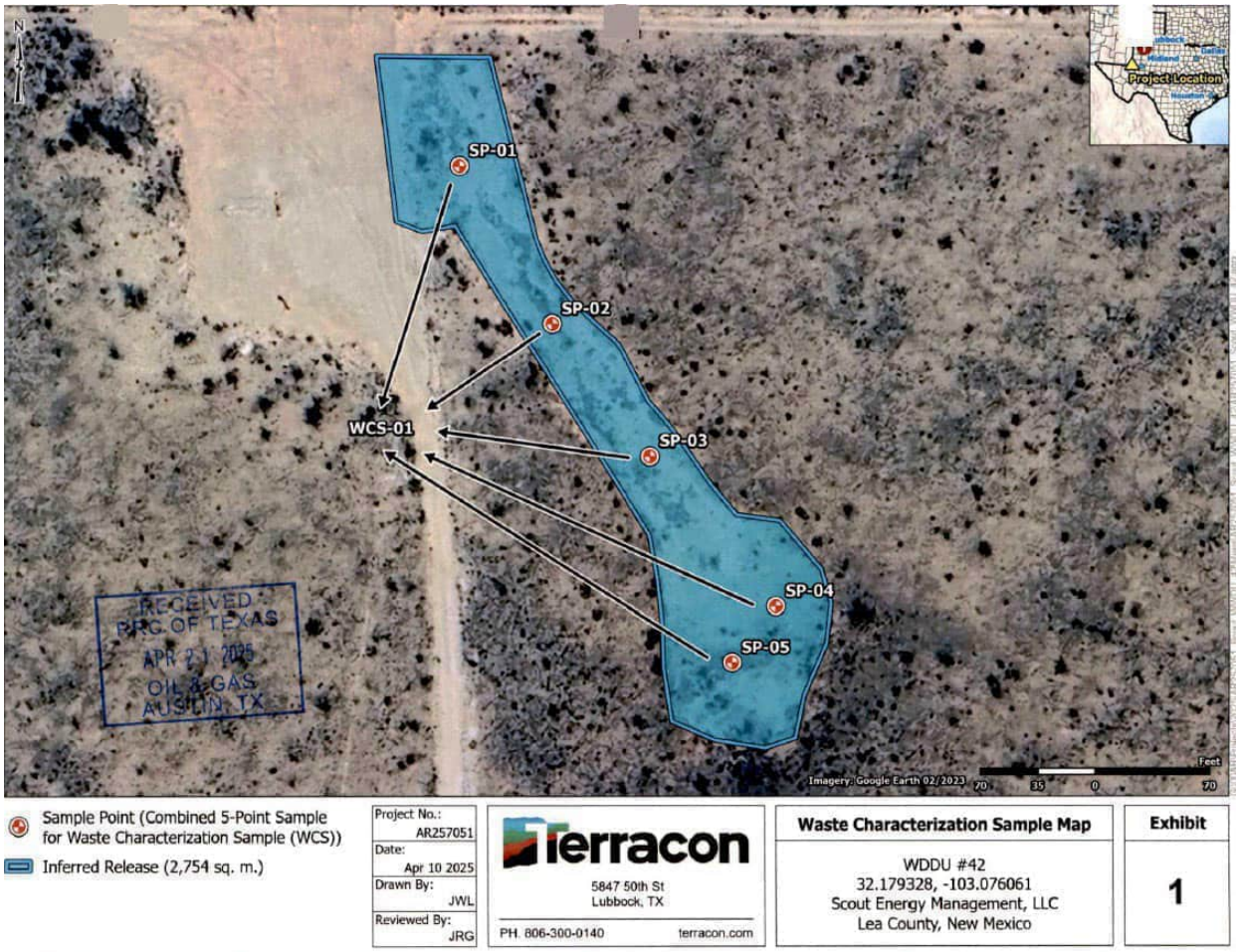


APPENDIX B

Locations of Excavated Soils,

WDDU 42 (32.179413. -103 076122)-Well pad location located approximately .66 miles West of New Mexico/Texas state line in Lea County, New Mexico. Location has offsite impacts from historic produced water contamination to the East and North of location.

WDDU 42 - 4,000 cubic yards



Sample Point (Combined 5-Point Sample for Waste Characterization Sample (WCS))

Inferred Release (2,754 sq. m.)

Project No.:	AR257051
Date:	Apr 10 2025
Drawn By:	JWL
Reviewed By:	JRG

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

Waste Characterization Sample Map

WDDU #42
32.179328, -103.076061
Scout Energy Management, LLC
Lea County, New Mexico

Exhibit

1

WDDU 88 (32.164798. -103.075572)-Well pad location located approximately .64 miles West of New Mexico/Texas state line in Lea County, NM. Location has onsite impacts and off-site impacts on the East side of the location from historic produced water contamination.

WDDU 88 - 90 cubic yards



Inferred Release (110 sq. m.)
10m x 10m NORM Grid
Survey Conducted 03/31/2025
* NORM Results in microroentgens per hour (µR/hr)
"BG" = Background Sample

Project No.:	KH247046
Date:	Apr 03 2025
Drawn By:	JWL
Reviewed By:	JRG

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

NORM Survey Map

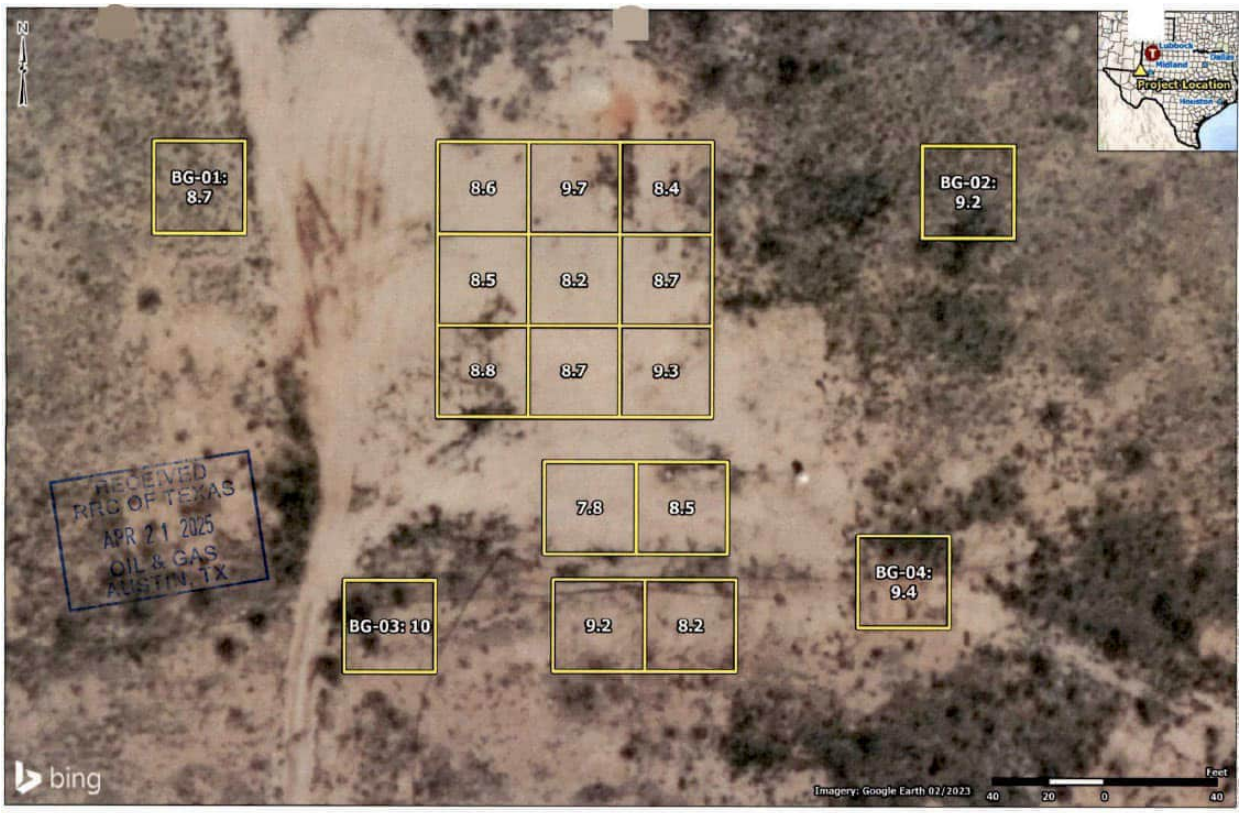
WDDU 88
32.164736, -103.075586
Scout Energy Management, LLC
Lea County, New Mexico

Exhibit

1

WDDU 46 (32.178454. -103.092173)-Well pad location located approximately 1.60 miles West of the New Mexico/Texas state line in Lea County, NM. Location has onsite impacts and off-site impacts on the North and South sides from historic produced water contamination.

WDDU 46 - 1,320 cubic yards



10m x 10m NORM Grid
Survey Conducted 03/31/2025
* NORM Results in microroentgens per hour (µR/hr)
"BG" = Background Sample

Project No.:	KH247046
Date:	Apr 03 2025
Drawn By:	JWL
Reviewed By:	JRG

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

NORM Survey Map

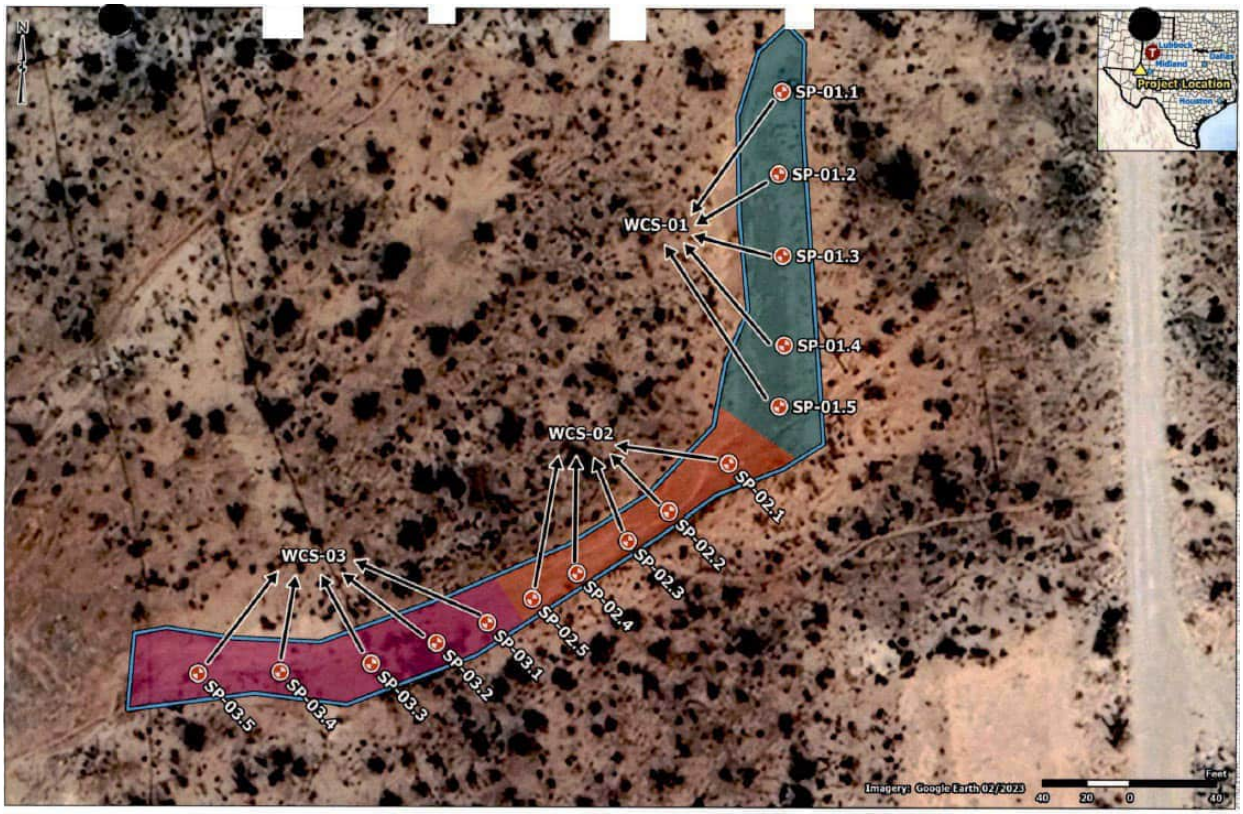
WDDU #46
32.178495, -103.092195
Scout Energy Management, LLC
Lea County, New Mexico

Exhibit

1

WDDU Water Station (32.170952. -103.089389)-Off Site location located approximately 1.46 miles West of the New Mexico/Texas state line and 0.28 miles North of the intersection of Saga Ln and Dollarhide Road in Lea County, NM. Site is a historic produced water release from a pipeline associated with the WDDU Water Plant located approximately 0.56 miles to the North.

WDDU Water Station - 10,963 cubic yards



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OIL & GAS

Project No.:	AR257050
Date:	Apr 10 2025
Drawn By:	JWL
Reviewed By:	JRG

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

Waste Characterization Sample Map

WDDU Water Station
32.171070, -103.089443
Scout Energy Management, LLC
Lea County, New Mexico

Exhibit

1

CC Fristoe A&B Federal Tank Battery (32.177595. -103.129476)-Tank Battery location located approximately 3.75 miles West of the New Mexico/Texas state line and 0.82 miles East of the intersection of Dollarhide Road and Willis Road in Lea County, NM. Site is a historic produced water release associated with tank overflow on location and has offsite impacts to the North and West of location.

CC Fristoe A&B Federal Tank Battery - 1,165 cubic yards



Sample Point (Combined 5-Point Sample for Waste Characterization Sample (WCS))

Inferred Release (618 sq. m.)

Project No.:	AR257049
Date:	Apr 10 2025
Drawn By:	JWL
Reviewed By:	JRG

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

Waste Characterization Sample Map

CC Fristoe AB Fed
32.177630, -103.129140
Scout Energy Management, LLC
Lea County, New Mexico

Exhibit

1

APPENDIX D
NMSLO Cultural Resource Cover Sheet

Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:
(if applicable)

Exhibit Type (select one)

○ **ARMS Inspection/Review** - Summarize the results (select one):

- ☐ (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- ☐ (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- ☐ (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

◉ **Archaeological Survey**

Findings:

- ☑ **Negative** - No further archaeological review is required.
- ☐ **Positive** - Have avoidance and protection measures been devised? Select one: ☐

Comments:

Project Details:

NMSLO Lease Number (if available): B096130006 and B0931

Cultural Resources Consultant: Terracon Consultants Inc

Project Proponent (Applicant): Scout Energy Managment, LLC

Project Title/Description: Remediation and Reclamation ARMS Review for WDDU #42, WDDU #88, and WDDU #101 Water Station

Project Location:

County(ies): Lea

PLSS/Section/Township/Range): T24S R38E S32; T25S R38E S5; T24S R38E S32

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only: ☐

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

APPENDIX E
Desktop Protected Species Review

Desktop Protected Species Habitat Assessment

WDDU #88

West Dollarhide Drinkard Unit Lease

Jal, Lea County, New Mexico

November 10, 2025 | Terracon Project Number: AR257100

Prepared for:
Scout Energy Management, LLC.
4901 LBJ Fwy Ste 300
Dallas, TX 75244-6107



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F (512) 442-1181
Terracon.com

November 10, 2025

Scout Energy Management, LLC.
4901 LBJ Fwy Ste 300
Dallas, TX 75244-6107

Attn: New Mexico State Land Office
310 Old Santa Fe Trail
P.O. Box 1148
Santa Fe, New Mexico, NM 87504-1148

RE: Desktop Protected Species Habitat Assessment
WDDU #88
32° 09' 53.0496"N, 103° 04' 32.1096"W
Jal, Lea County, New Mexico
Terracon Project Number: AR257100

To Whom It May Concern:

Terracon is pleased to submit this Desktop Protected Species Habitat Assessment to Scout Energy Management, LLC. This assessment was performed for the above-referenced project in accordance with Terracon project number AR257100 dated June 23, 2025. This desktop review was performed by qualified biologists but is limited and does not constitute an on-site evaluation of habitat suitability or presence/absence survey for a particular species by a qualified biologist.

Literature and agency file searches were conducted to review the potential occurrence of federal and state listed threatened and endangered (T&E) species or habitats located in the subject property vicinity. The search included information from the United States Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) system and the New Mexico Department of Game and Fish (NMDGF) Environmental Review Tool (ERT). The presence or absence of potentially suitable habitat within the project area, for species identified as having the potential to occur, was evaluated using site reconnaissance (i.e., review of site photographs), publicly available land cover data, and review by a qualified wildlife biologist.

The attached species lists (see Attachment A) identified threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of the proposed project. For the purposes of this review, it is

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assumed that the presence of a particular protected species' habitat within the project site indicates that the species has the potential to be impacted by the proposed project. The species list fulfills the requirements of the USFWS under section 7(c) of the Endangered Species Act (ESA), as amended (16 U.S.C. 1531 *et seq.*).

The following information identifies the findings of the Desktop Protected Species Habitat Assessment:

1.0 RECORDS REVIEW AND ANALYSIS

1.1 BGEPA

Bald eagle (*Haliaeetus leucocephalus*) and golden eagle (*Aquila chrysaetos*), having been delisted under the ESA, are still afforded federal protections under the Bald and Golden Eagle Protection Act (BGEPA; 16 U.S.C. 668-668c), enacted in 1940. Under the BGEPA it is unlawful to take, possess, sell, purchase, barter, offer to sell, possess, transport, export or import, bald or golden eagles, alive or dead, including any part (including feathers), nest (including inactive nests), or egg, unless allowed by permit. A "take" under the BGEPA is defined as to "pursue, shoot, shoot at, poison, wound, capture, trap, collect, molest or disturb."

Review of aerial and site photos revealed partially cleared desert scrubland within and around the project area. Hydrology was also not evident per review of current aerials of the project area. Typical habitat requirements for the bald eagle include broad swaths of undeveloped land, large trees and/or cliffs for nesting habitat, and large waterbodies (i.e., navigable rivers, lakes, reservoirs, and large ponds) for foraging activities. Typical habitat requirements for the golden eagle include grasslands, arid deserts with sparse vegetation, intermittent forested habitat, and are typically found in open country in the vicinity of hills, cliffs, and bluffs. This species is known to be sensitive to human activity and typically avoid developed areas.

1.2 MBTA

ESA and state listed avian species, as well as other migratory birds, are protected under the Migratory Bird Treaty Act (MBTA) of 1918. The MBTA establishes a Federal prohibition "to pursue, hunt, capture, kill, collect, possess, buy, sell, trade, or transport any migratory bird, nest, young, feather, or egg, without a permit" issued in accordance with the policies and regulations of the MBTA. Take is defined as "to pursue, hunt, shoot, wound, kill, trap, capture, or collect, or attempt to pursue, hunt, shoot, wound, kill, trap, capture, or collect migratory birds." The MBTA does not prohibit the destruction of the bird nest alone (without birds or eggs) provided that no possession of the nest occurs during destruction. The USFWS is the lead agency determining permitting requirements for nest removal or destruction for birds protected under the MBTA. Under the current regulatory framework, there are no provisions for allowing the take of migratory birds that are unintentionally killed or injured (incidental take). The USFWS is actively undertaking rule-making procedures to define and regulate

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incidental take and has issued a Director's Order (Order) to provide interim guidance for the regulation of incidental take. In the Order, the USFWS indicates that they would enforce incidental takes as a statutory take in accordance with case law presiding in the state where the incidental take occurs. Under the Order, the following types of conduct are not a priority for enforcement against incidental take:

(1) A member of the general public conducting otherwise legal activities that incidentally take migratory birds;

(2) A Federal agency conducting activities in accordance with a signed memorandum of understanding with the USFWS, developed under Executive Order 13186 for the conservation of migratory birds; or,

(3) A public- or private-sector entity conducting activities in accordance with applicable beneficial practices for avoiding and minimizing incidental take.

Activities in accordance with applicable beneficial practices for avoiding and minimizing incidental take can include conducting habitat removal outside of migratory bird nesting season or conducting nesting surveys of appropriate habitat to limit disturbance of nesting birds coinciding with habitat removal during nesting season.

An Official Species List, dated November 3, 2025, was generated by NMDGF ERT and transmitted to Terracon on behalf of the NMDGF office. The NMDGF ERT's Official Species List identifies the Western burrowing owl (*Athene cunicularia hypugaea*), Aplomado falcon (*Falco femoralis*), yellow-billed cuckoo (*Coccyzus americanus*), common nighthawk (*Chordeiles minor*), Lewis's woodpecker (*Melanerpes lewis*), loggerhead shrike (*Lanius ludovicianus*), vesper sparrow (*Pooecetes gramineus*), Sprague's pipit (*Anthus spragueii*), thick-billed longspur (*Rhynchophanes mccownii*), chestnut-collared longspur (*Calcarius ornatus*), and the pygmy nuthatch (*Sitta pygmaea*) as bird species protected under the MBTA having the potential to be present within the project area. The project area is located within the Shinnery Sands level IV ecoregion comprised of sand shinnery oak scrub, desert grasses, soapweed yucca and sand sagebrush. Suitable habitat for the Western burrowing owl may be present within the project area due to the well-draining soil, arid climate, and open desert scrubland vegetation. This species typically inhabits prairie dog (*Cynomys* spp.) burrows, and the presence of these burrows has not been confirmed within the project area, although suitable habitat for the black-tailed prairie dog (*Cynomys ludovicianus*) appears to be present within the project area. The black-tailed prairie dog prefers dry, open, and flat terrain for burrowing. Suitable habitat for the common nighthawk may be present within the project area due to the open desert scrubland vegetation. However, the absence of grassland areas, riparian areas, and limited presence of woody vegetation indicates the project area likely does not contain nesting habitat for the Lewis's woodpecker, loggerhead shrike, vesper sparrow, yellow-billed cuckoo, Sprague's pipit, thick-billed longspur, chestnut-collared longspur, and pygmy nuthatch. The absence of palm and oak savannahs, grasslands, and open pine woodlands indicates the project area likely does not contain nesting habitat for the Aplomado falcon.

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1.3 USFWS IPaC Report

Federally protected species are listed on the USFWS IPaC system. An Official Species List, dated November 3, 2025, was generated by IPaC and transmitted to Terracon on behalf of the New Mexico Ecological Services Field Office (ESFO). Section 7 of the ESA requires federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for projects that are conducted, permitted, funded, or licensed by federal agency. A letter from the local office and a species list, which fulfills this requirement, can only be obtained by requesting an official species list from either the Regulatory Review section in IPaC or from the local field office directly. The IPaC List generated for Lea County, New Mexico, includes three species as having the potential to occur within the project area and vicinity. These species, and the probability of their occurrence within the project area, are discussed in detail below. There are no critical habitats within the project area under the USFWS New Mexico ESFO's jurisdiction.

1.3.1 Birds

The Northern Aplomado falcon (*Falco femoralis septentrionalis*) is listed as Endangered wherever found, except where they are listed as an experimental population, such as Arizona and New Mexico. The species historical range includes Arizona, New Mexico, Texas, Mexico, and Guatemala. No critical habitat has been designated for this species. Northern Aplomado falcon habitat is variable throughout the species' range and includes palm and oak savannahs, various desert grassland associations, and open pine woodlands. Within these variations, the essential habitat elements appear to be open terrain with scattered trees with relatively low ground cover. The species is considered to be non-migratory throughout its range and typically nests in abandoned stick platforms of corvids and other raptors. Potentially suitable habitat for the northern Aplomado falcon is not present within the project area.

The lesser prairie-chicken's (*Tympanuchus pallidicinctus*) listing status under the Endangered Species Act is currently vacated, meaning it has been removed from the protected list. This happened after a federal court ruled the initial listing in 2023 invalid due to a "serious, foundational defect" in the listing rule by the U.S. Fish and Wildlife Service (FWS). While the immediate protections are gone, FWS expects to make a new finding on a separate listing petition by early 2027.

The lesser prairie-chicken's historic range including Colorado, Kansas, New Mexico, Oklahoma, and Texas. No critical habitat has been designated for this species. Habitat for this species is within the Shinnery Oak Prairie Ecoregion of New Mexico and Texas and includes native grasslands and shrublands with diversity and limited anthropogenic structures and trees. Lesser prairie-chickens inhabit mixed grass-dwarf shrub communities that occur on sandy soils. Leks (a male courtship display communal area) typically occur on knolls or ridges with relatively short and/or sparse vegetation. Lesser prairie-chicken leks may be in human-created open areas (e.g., oil well pads, roads, reverted cropland, cultivated fields, and areas treated with herbicides) and recently burned areas. Nesting sites are in sand sagebrush or shinnery oak grasslands with high canopy cover and moderate vertical and horizontal cover.

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Females prefer to nest in relatively tall, dense vegetation. Potentially suitable habitat for the lesser prairie-chicken is not present within the project area.

1.3.2 Insects

The monarch butterfly (*Danaus Plexippus*) is proposed for listing as a threatened species. The population is known to or is believed to occur across 50 states, including New Mexico and Texas. No critical habitat has been designated for this species. The monarch butterfly breeds year-round and undergoes a long-distance migration which begins in the fall. This migration can take monarchs distances of over 3,000 kilometers (km) to Mexico and last for over two months. Breeding areas are typically patches of milkweed and overwintering habitats include high altitude Mexican conifer forests. Palustrine habitats include herbaceous wetlands and scrub-shrub wetlands, and terrestrial habitats include sand/dunes, cropland, conifer and hardwood woodlands, savannas, grasslands, suburban areas, and shrubland/chaparral. The project area may represent marginally suitable migratory stop-over habitat for the monarch butterfly.

1.4 NMDGF Environmental Review Tool (ERT) Report

This report contains information on wildlife species protected under the ESA and the Wildlife Conservation Act (WCA). Additionally, species designated as Species of Greatest Conservation Need (SGCN) and Species of Economic and Recreational Importance (SERI) are included. SGCN are identified in the State Wildlife Action Plan (SWAP) for New Mexico; these species are considered to be of conservation concern but may not be protected from take at the state or federal level. The harvest of all SERI is regulated at the state level. The NMDGF has no authority to designate critical habitat for species listed under the WCA; only the USFWS can designate critical habitat for species listed under the ESA. The Official Species List generated for Lea County, New Mexico, includes seventeen species as having the potential to occur within the project area and vicinity. These species, and the probability of their occurrence within the project area, are summarized in Table 1 below.

Table 1. Species listed on the NMDGF ERT identified as having the potential to occur within Lea County, New Mexico.

Species	USFWS Status (ESA)	NMDGF (WCA)	NMDGF SGCN/ SERI	Habitat Description	Habitat Presence
Barking frog (*Craugastor augusti*)	-	-	SGCN	Low elevation areas in shrublands and deserts including treeless, dry, yucca-covered hills and brushy woodland; open pine forests; juniper-live oak woodland (Texas); in large, low clumps of cactus (Sonora); often in rocky limestone areas. It lays eggs in	Yes; may den in rodent burrows, which may be present.

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				moist sites on land under rocks or logs, or in caves or crevices. Hides under rocks, in caves or crevices, or in burrows. Those in New Mexico and far western Texas live in rodent burrows in desert scrub.	
Plains leopard frog (*Lithobates blairi*)	-	-	SGCN	In the vicinity of streams, ponds, creek pools, reservoirs, irrigation ditches, and marshes in areas of prairie and desert grassland, farmland, and prairie canyons. Oak and oak-pine woodland as habitat. Generally, in or near water, but may range into surrounding terrestrial habitat in wet weather. When disturbed, they often seek refuge in vegetation surrounding bodies of water.	No; suitable habitat is not present within project area
Aplomado falcon (*Falco femoralis*)		E	SGCN	Open country, especially savanna and open woodland, and sometimes very barren areas. Grassy plains and valleys with scattered mesquites, yucca, and cactus. Desert grassland in Chihuahua.	No; suitable habitat is not present within project area
Yellow-billed cuckoo (*Coccyzus americanus*)	T	-	SGCN	Breeding habitat includes open woodland (especially where undergrowth is thick), parks, deciduous riparian woodland; in the West, nests in tall cottonwood and willow riparian woodland. Nests in deciduous woodlands, moist thickets, orchards, overgrown pastures; in tree, shrub, or vine, an average of 1-3 meters above ground. Nonbreeding habitat includes forest, woodland, and scrub.	No; suitable habitat is not present within project area
Western burrowing owl (*Athene cunicularia hypugaea*)	-	-	SGCN	Short vegetation and presence of fresh small mammal burrows. Found in open grasslands, especially prairies, plains, and savanna, sometimes in open areas such as vacant lots near human habitation (e.g., campuses, airports, golf courses, perimeter of agricultural fields, banks of irrigation canals). Nests and roosts in abandoned burrows	Yes; may den in rodent burrows, which may be present.

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				dug by mammals (especially prairie dogs, also ground squirrel (*Citellus spp.)*	
Common nighthawk (*Chordeiles minor*)	-	-	SGCN	Shrubland/chaparral, mountains and plains in open and semi-open areas: open coniferous forests, savanna, grasslands, fields, vicinity of cities and towns. Nesting occurs on the ground on a bare site in an open area. In some areas, this species also nests on flat gravel roofs of buildings. It prefers areas with sandy soil in the southern United States.	Yes; nesting areas may occur on a bare site in an open area with sand, gravel, or bare rock.
Lewis's woodpecker (*Melanerpes lewis*)	-	-	SGCN	Breeding habitat includes open forest and woodland, often logged or burned, including oak, coniferous forest (primarily ponderosa pine (*Pinus ponderosa*), riparian woodland and orchards. Distribution is closely associated with open ponderosa pine forest. Important habitat features include an open tree canopy, a brushy understory with ground cover, dead trees for nest cavities; dead or downed woody debris, perch sites, and abundant insects. Nonbreeding habitats may include scrub oak, pecan orchards, and cottonwoods.	No; suitable habitat is not present within the project area
Pygmy nuthatch (*Sitta pygmaea*)	-	-	SGCN	Range extent includes central New Mexico. Pine forest and woodland, especially ponderosa pine. At night they may roost in groups in tree cavities.	No; suitable habitat is not present within the project area
Sprague's pipit (*Anthus spragueii*)	-	-	SGCN	Nonbreeding range includes southern New Mexico. Breeding habitat includes short-grass plains, mixed grass prairie, alkaline meadows, and wet meadows. This species is found in grasslands with mid-height vegetation, including upland mixed-grass prairie, alkaline meadows, and wet meadow zones around alkali and	No; suitable habitat is not present within the project area

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				freshwater lakes. Habitat during migration and in winter consists of pastures and weedy fields, including grasslands with dense herbaceous vegetation or grassy agricultural fields.	
Loggerhead shrike (*Lanius ludovicianus*)	-	-	SGCN	Nonbreeding habitat includes northern New Mexico. Breeding habitat includes open country with scattered trees and shrubs, savanna, desert scrub (southwestern U.S.), and, occasionally, open woodland; often perches on poles, wires or fenceposts. For nesting, they prefer shortgrass pastures and nests in shrubs or small deciduous or coniferous trees. Nonbreeding habitat includes woodlots, pastures, shrubland, and open forests.	No; suitable habitat is not present within the project area
Vesper sparrow (*Pooecetes gramineus*)	-	-	SGCN	Breeding range includes New Mexico. Habitats include plains, prairies, dry shrublands, savannas, weedy pastures, fields, sagebrush, arid scrub, and woodland clearings. Nests are on the ground, often in a small depression near a clump of grass.	No; suitable habitat is not present within the project area
Thick-billed longspur (*Rhynchophanes mccownii*)	-	-	SGCN	Nonbreeding habitat includes central New Mexico south through Sonora and Chihuahua. Habitat includes sparse short-grass plains, plowed and stubble fields, and areas of bare or nearly bare ground. Nests are usually in a scrape on the ground at the base of a bush or clump of grass, or beside cattle dung.	No; suitable habitat is not present within the project area
Chestnut-collared longspur (*Calcarius ornatus*)	-	-	SGCN	Nonbreeding habitat includes eastern New Mexico. Breeding habitat includes level to rolling mixed-grass and shortgrass uplands, and, in drier habitats, moist lowlands. Prefers open prairies and avoids excessively shrubby areas. Nonbreeding habitat includes grasslands and deserts with primarily grasses and forbs, vegetation less than	No; suitable habitat is not present within the project area

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				0.5 m. Also cultivated fields and near water sources.	
Black-tailed prairie dog (*Cynomys ludovicianus*)	-	-	SGCN	Habitat consists of dry, flat or gently sloping, open grasslands with low, relatively sparse vegetation, including areas overgrazed by cattle. The species occurs in open vacant lots at town edges in some areas. Habitat types represented by this species include all major grassland types-short, mixed, and tall.	Yes; suitable habitat may be present within the project area. Dry, flat, open habitat present.
Mule deer (*Odocoileus hemionus*)	-	-	SERI	Habitat includes mountains and lowlands, including various forests and woodlands, forest edges, shrublands, grasslands with shrubs, and residential areas. They are often associated with successional vegetation, especially near agricultural lands.	No; suitable habitat is not present within the project area
Pronghorn (*Antilocapra americana*)	-	-	SERI	Habitat includes grasslands, sagebrush plains, deserts, and foothills. Need for free water varies with succulence of vegetation in the diet. Birth and fawn bedding sites in a sagebrush-steppe community in south-central Wyoming were in dense shrub cover, but the tallest, most dense cover was avoided.	No; suitable habitat is not present within the project area
Desert massasauga (*Sistrurus catenatus edwardsii*)	-	-	SGCN	Habitat includes rocky, semi-arid and arid areas, and is mostly found in desert grasslands.	No; suitable habitat is not present within the project area

Sources: NMDGF ERT Species List requested and received November 3, 2025.; NatureServe Explorer
SERI = Species of Economic and Recreational Importance; SGCN = Species of Greatest Conservation Need;
E = Endangered; T = Threatened

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2.0 SUMMARY AND CONCLUSIONS

2.1 BGEPA

This desktop assessment did not identify the presence of suitable foraging or nesting habitat for bald eagle or golden eagle. Therefore, development within the project area would likely not result in take as it pertains to the BGEPA.

2.2 MBTA

It is the opinion of Terracon that the project area may potentially provide suitable nesting habitat for bird species protected under the MBTA and identified on the NMDFG Official List, including the Western burrowing owl and the common nighthawk.

2.3 Federally-Listed Species

This desktop assessment did not identify the presence of suitable habitat for federally protected species listed within the IPaC, sensitive habitats, or designated critical habitats within the project area. The project area may represent marginally suitable migratory stop-over habitat for the proposed threatened monarch butterfly.

2.3 State-Listed Species

The desktop assessment did not identify potentially suitable habitat for state-listed species. Should state-listed species be encountered during the proposed undertaking, activity should halt, and a qualified biologist should be contacted to determine the appropriate mitigative action.

3.0 GENERAL COMMENTS

This assessment was performed in accordance with generally accepted practices of this profession undertaken in similar studies at the same time and in the same geographical area. This letter report has been prepared in accordance with generally accepted scientific and engineering evaluation practices. No warranties, either express or implied, are intended or made.

If you have questions regarding the content of this report, please contact Kelly Griffin by phone at (979) 236-2647 or by email at kelly.griffin@terracon.com.

Sincerely,
Terracon Consultants, Inc.

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Kelly Griffin, M. Applied Geography
Staff Scientist

Jeff Jenkerson, M.S., CWB
Authorized Project Reviewer

ATTACHMENT A
Supporting Documentation

List of Preparers

- Kelly Griffin (Terracon Consultants, Inc.)
  M. Applied Geography in Natural Resources and Environmental Studies
  Years of Applicable Experience: 3
  Responsible for: *Report Authoring*

- Jeff Jenkerson, M.S., CWB (Terracon Consultants, Inc.)
  M.S. Wildlife Ecology
  B.S. Biology
  Years of Applicable Experience: 10
  Responsible for: *Subject Matter Expert / Authorized Project Reviewer*

United States Department of the Interior

FISH AND WILDLIFE SERVICE
New Mexico Ecological Services Field Office
2105 Osuna Road Ne
Albuquerque, NM 87113-1001
Phone: (505) 346-2525 Fax: (505) 346-2542

In Reply Refer To: 11/03/2025 18:14:25 UTC
Project Code: 2026-0011579
Project Name: WDDU #88

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

Thank you for your recent request for information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) has responsibility for certain species of New Mexico wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 et seq.), the Migratory Bird Treaty Act as amended (16 USC 701-715), and the Bald and Golden Eagle Protection Act as amended (16 USC 668-668(c)). We are providing the following guidance to assist you in determining which federally imperiled species may or may not occur within your project area, and to recommend some conservation measures that can be included in your project design.

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the ESA of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the ESA is to provide a means whereby threatened and endangered species and

the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the ESA and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (NEPA; 42 USC 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf.

Candidate Species and Other Sensitive Species

A list of candidate and other sensitive species in your area is also attached. Candidate species and other sensitive species are species that have no legal protection under the ESA, although we recommend that candidate and other sensitive species be included in your surveys and considered for planning purposes. The Service monitors the status of these species. If significant declines occur, these species could potentially be listed. Therefore, actions that may contribute to their decline should be avoided.

Lists of sensitive species including State-listed endangered and threatened species are compiled by New Mexico State agencies. These lists, along with species information, can be found at the following websites.

Biota Information System of New Mexico (BISON-M): www.bison-m.org

New Mexico State Forestry. The New Mexico Endangered Plant Program: https://www.emnrd.nm.gov/sfd/rare-plants/

New Mexico Rare Plant Technical Council, New Mexico Rare Plants: nmrareplants.unm.edu

Natural Heritage New Mexico, online species database: nhnm.unm.edu

WETLANDS AND FLOODPLAINS

Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value.

We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. The Service's NWI program website, www.fws.gov/wetlands/Data/Mapper.html, integrates digital map data with other resource information. We also recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

MIGRATORY BIRDS

In addition to responsibilities to protect threatened and endangered species under the ESA, there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the Service (50 CFR 10.12 and 16 USC 668(a)). For more information regarding these Acts, see https://www.fws.gov/program/migratory-bird-permit/what-we-do.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a Federal nexus) or a Bird/Eagle Conservation Plan (when there is no Federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see https://www.fws.gov/library/collections/threats-birds. We also recommend review of the Birds of Conservation Concern list (https://www.fws.gov/media/birds-conservation-concern-2021) to fully evaluate the effects to the birds at your site. This list identifies migratory and non-migratory bird species (beyond those already designated as federally threatened or endangered) that represent top conservation priorities for the Service, and are potentially threatened by disturbance, habitat impacts, or other project development activities.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 thereby provides additional protection for both migratory birds and migratory bird habitat. Please visit https://www.fws.gov/partner/council-conservation-migratory-birds for information regarding the implementation of Executive Order 13186.

We suggest you contact the New Mexico Department of Game and Fish, and the New Mexico

Energy, Minerals, and Natural Resources Department, Forestry Division for information regarding State protected and at-risk species fish, wildlife, and plants.

For further consultation with the Service we recommend submitting inquiries or assessments electronically to our incoming email box at nmesfo@fws.gov, where it will be more promptly routed to the appropriate biologist for review.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New Mexico Ecological Services Field Office
2105 Osuna Road Ne
Albuquerque, NM 87113-1001
(505) 346-2525

PROJECT SUMMARY

Project Code: 2026-0011579
Project Name: WDDU #88
Project Type: General NRDAR/Spill Response/Environmental Contaminants
Project Description: Desktop Protected Species Habitat Assessment
Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@32.164732650000005,-103.075381475,14z



Counties: Lea County, New Mexico

ENDANGERED SPECIES ACT SPECIES

There is a total of 3 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

BIRDS

NAME	STATUS
Lesser Prairie-chicken *Tympanuchus pallidicinctus* Population: Southern DPS No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1924 General project design guidelines: https://ipac.ecosphere.fws.gov/project/H6LZVPZMDJDGZJZVKM4AA5UO64/documents/generated/9126.pdf	Endangered
Northern Aplomado Falcon *Falco femoralis septentrionalis* Population: U.S.A (AZ, NM) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1923 General project design guidelines: https://ipac.ecosphere.fws.gov/project/H6LZVPZMDJDGZJZVKM4AA5UO64/documents/generated/8928.pdf	Experimental Population, Non-Essential

INSECTS

NAME	STATUS
Monarch Butterfly *Danaus plexippus* There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Kelly Griffin
Address: 5307 Industrial Oaks Blvd. Suite 160
City: Austin
State: TX
Zip: 78735
Email kelly.griffin@terracon.com
Phone: 9792362647

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PROJECT INFORMATION

Project Title:	WDDU #88
Project Type:	(NO PROJECT REVIEW) SPECIES LIST ONLY
Latitude/Longitude (DMS):	32.164733 / -103.075396
County(s):	LEA
Project Description:	This is a desktop protected species habitat assessment for a project site in Lea County, New Mexico where Terracon will be managing the remediation, consulting, and closure reports. The scope of work includes daily oversite of remediation onsite, coordinating remedial efforts, sampling, waste manifesting, and load tracking. Activities began on July 21, 2025, and the ending date is pending. A desktop protected species habitat assessment was built in to the project scope.

REQUESTOR INFORMATION

Project Organization:	
Contact Name:	Kelly Griffin
Email Address:	kelly.griffin@terracon.com
Organization:	Terracon Consultants, Inc.
Address:	5307 Industrial Oaks Blvd. Suite 160, Austin TX 78735
Phone:	9792362647

OVERALL STATUS

The information contained within this report comprises the recommendations of the New Mexico Department of Game and Fish (Department) for management and mitigation of proposed project impacts to wildlife and habitat resources; see the Project Recommendations section below for further details. No further consultation with the Department is required based on the project's location and, with implementation of mitigation measures described in the Project Recommendations section below, no adverse effects to wildlife or important habitats are anticipated. However, a Department biologist may be in touch within 30 days if they determine that further review is required.

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About this report:

- This environmental review is based on the project description and location that was entered. The report must be updated if the project type, area, or operational components are modified.
- This is a preliminary environmental screening assessment and report. It is not a substitute for the potential wildlife knowledge gained by having a biologist conduct a field survey of the project area. Federal status and plant data are provided as a courtesy to users. The review is also not intended to replace consultation required under the federal Endangered Species Act (ESA), including impact analyses for federal resources from the U.S. Fish and Wildlife Service (USFWS) using their Information for Planning and Consultation tool.
- This report contains information on wildlife species protected under the ESA and the Wildlife Conservation Act (WCA), Species of Greatest Conservation Need (SGCN), and Species of Economic and Recreational Importance (SERI). Species listed under the ESA are protected from take at the federal level and under the WCA are protected from take at the state level. SGCN are identified in the State Wildlife Action Plan (SWAP) for New Mexico; all of these species are considered to be of conservation concern but not all of them are protected from take at the state or federal level. The harvest of all SERI is regulated at the state level. The Department has no authority to designate critical habitat for species listed under the WCA; only the USFWS can designate critical habitat for species listed under the ESA.
- The New Mexico Environmental Review Tool (ERT) utilizes species observation locations and species habitat suitability models, both of which are subject to ongoing change and refinement. Inclusion or omission of a species within a report cannot guarantee species presence or absence within your project area. To determine occurrence of any species listed in this report, or other wildlife that may be present within your project area, onsite surveys conducted by a qualified biologist during appropriate, species-specific survey timelines may be necessary.
- The Department encourages use of the ERT to modify proposed projects for avoidance, minimization, or mitigation of wildlife impacts. However, the ERT is not intended to be used in a repeatedly iterative fashion to adjust project attributes until a previously determined recommendation is generated. The ERT serves to assess impacts once project details are developed. The New Mexico Crucial Habitat Assessment Tool, the data layers from which are included in the ERT, is the appropriate system for advising early-stage project planning and design to avoid areas of anticipated wildlife concerns and associated regulatory requirements.

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WDDU #88



- Buffered Project Boundary
- Project_Boundary
- Bureau of Land Management
- City Land
- County Land
- Department of Defense
- Department of Energy
- NM Department of Game & Fish
- NM State Forestry Division
- NM State Parks
- National Park Service
- Other Federal Agency
- Other Federal Agency
- State Land Office
- State of New Mexico
- Tribal Land
- U.S. Army Corps of Engineers
- U.S. Bureau of Reclamation
- U.S. Department of Agriculture
- U.S. Fish and Wildlife Service
- U.S. Forest Service
- U.S. Natural Resources Conservation Service

NHNM, USGS, USFS, US Census Bureau, NMDGF
Esri, NASA, NGA, USGS, FEMA
Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

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Special Status Animal Species Potentially within 2000 Meters of Project Area

Common Name	Scientific Name	USFWS (ESA)	NMDGF (WCA)	NMDGF SGCN/SERI	USFS	USFS SCC	BLM
Barking Frog	Craugastor augusti			SGCN			
Plains Leopard Frog	Lithobates blairi			SGCN			BLM WATCH
Aplomado Falcon	Falco femoralis		E	SGCN			
Yellow-Billed Cuckoo	Coccyzus americanus	LT		SGCN			
Western Burrowing Owl	Athene cunicularia hypugaea			SGCN	Sensitive Species	USFS R3 SCC	BLM SENSITIVE
Common Nighthawk	Chordeiles minor			SGCN			
Lewis's Woodpecker	Melanerpes lewis			SGCN		USFS R3 SCC	BLM WATCH
Pygmy Nuthatch	Sitta pygmaea			SGCN			
Sprague's Pipit	Anthus spragueii			SGCN			BLM SENSITIVE
Loggerhead Shrike	Lanius ludovicianus			SGCN		USFS R3 SCC	BLM WATCH
Vesper Sparrow	Pooecetes gramineus			SGCN			
Thick-billed Longspur	Rhynchophanes mccownii			SGCN			BLM SENSITIVE
Chestnut-Collared Longspur	Calcarius ornatus			SGCN			BLM SENSITIVE
Black-Tailed Prairie Dog	Cynomys ludovicianus			SGCN	Sensitive Species		BLM SENSITIVE
Mule Deer	Odocoileus hemionus			SERI			
Pronghorn	Antilocapra americana			SERI			
Desert Massasauga	Sistrurus catenatus edwardsii			SGCN			

Common Name hyperlink takes you to species account in bison-m.org; Scientific Name hyperlink takes you to information in NatureServe Explorer; ESA = Endangered Species Act, C = Candidate, LE = Listed Endangered, LT = Listed Threatened, XN = Non-essential Experimental Population, for other ESA codes see this website; WCA = Wildlife Conservation Act, E = Endangered, T = Threatened; SERI = Species of Economic and Recreational Importance; SGCN = Species of Greatest Conservation Need; USFS = U.S. Forest Service, Sensitive Species = A species likely to occur on USFS lands that is of concern for a potential reduction in population viability; SCC = Species of Conservation Concern; BLM = Bureau of Land Management, BLM SENSITIVE = A species that occurs on BLM lands and whose viability is at risk, BLM WATCH = Species that may be added to the sensitive species list in future pending new information regarding species status.

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Project Recommendations

This report includes a preliminary species list that may be used during early stages of project or conservation planning. Even if this report indicates that your proposed project location would require a custom review from a biologist, **no review will be returned** until additional project details are provided. **To obtain a project review**, please submit additional details regarding the **type** of project, project **objectives**, anticipated project **duration**, **timing** of project construction, the composition and dimensions/quantities of **materials** that will be utilized for project implementation, any **equipment** that will be used, anticipated **ground disturbance** that will occur, wildlife surveys or observations that have occurred on or near the project site, and **any other relevant details** regarding potential effects of project activities on wildlife or wildlife habitat. **Photographs** of the project site are especially useful.

Although this project report may include management recommendations based on the project location, additional conservation measures may be needed. The Department can not fully assess potential effects and associated management recommendations until a **project type and description** have been submitted and an appropriate **impact buffer** for that project type has been applied. Also, the species list within this report represents an estimation of special status species that could be present at the site of a small-scale project. Species lists for projects that occur across **broader geographic scales** (e.g., one or more counties, multiple habitat types) are more appropriately obtained from the **Department's Biota Information System of New Mexico (BISON-M) database**. Species lists generated by the ERT may contain modeled species distributions in order to predict species occurrences within areas that lack previous wildlife inventories or surveys. This list can be refined using occurrence-based information within BISON-M regarding wildlife-habitat relationships and biological needs for species that might be present within the project footprint.

Burrowing owl (*Athene cunicularia*) may occur within your project area. Burrowing owls are protected from take by the Migratory Bird Treaty Act and under New Mexico state statute. Before any ground disturbing activities occur, the Department recommends that a preliminary burrowing owl survey be conducted by a qualified biologist using the Department's Burrowing Owl Survey Protocol. Should burrowing owls be documented in the project area, please contact the Department or USFWS for further recommendations regarding relocation or avoidance of impacts.

Prairie dog colonies may occur within the vicinity of your project area. Both black-tailed prairie dogs (*Cynomys ludovicianus*) and Gunnison's prairie dogs (*Cynomys gunnisoni*) are designated as New Mexico SGCN, and their colonies provide important habitat for other grassland wildlife. Wherever possible, occupied prairie dog colonies should be left undisturbed, and all project activities should be directed off the colony. Any burrows that are located on the project site should be surveyed by a qualified biologist to determine whether burrows are active or inactive and whether burrowing owls may be utilizing the site. Colonies within the range of the black-tailed prairie dog can be surveyed by a qualified biologist diurnally, year-round using binoculars. Colonies within the range of the Gunnison's prairie dog can be surveyed by a qualified biologist diurnally, using binoculars during the warmer months from April through October and by searching for fairly fresh scat and lack of cobwebs or debris at the mouths of burrows during the cold months (November through March). If ground-disturbing activities cannot be relocated off the prairie dog colony, or if project activities involve control of prairie dogs, the Department recommends live-trapping and relocation of prairie dogs. The Department can provide recommendations regarding suitability of potential translocation areas and procedures.

The current project area appears to contain one or more wetland types as classified by the New Mexico Environment Department's Wetland Map. Information on wetlands in your project area can also be viewed on the ERT's Create Project/Map page. This key can assist in interpreting Landscape Position, landform, water flow path, and waterbody type (LLWW) codes in the ERT's wetland data. Wetlands provide important habitat for numerous species of wildlife and pollinators and provide ecosystem services, such as water filtration and storage, to downstream users. The Department recommends avoiding disturbance of wetlands whenever possible, avoiding actions or infrastructure installment that may disrupt natural wetland hydrological processes, and reseeding or replanting areas where disturbance cannot be avoided with native wetland plant species appropriate to the local wetland type. For a list of native seed providers, please see the Department's habitat handbook guideline for Restoration and Management of Native and Non-native Trees in Southwestern Riparian Ecosystems. For projects involving filling wetlands under federal jurisdiction, please contact the Army Corps of Engineers for more information on permits required under the Clean Water Act.

Disclaimers regarding recommendations:

- The Department provides technical guidance to support the persistence of all protected species of native fish and wildlife, including game and nongame wildlife species. Species listed within this report include those that have been documented to occur within the project area, and others that may not have been documented but are projected to occur within the project vicinity.
- Recommendations are provided by the Department under the authority of § 17-1-5.1 New Mexico Statutes Annotated 1978, to provide "communication and consultation with federal and other state agencies, local governments and communities, private organizations and affected interests responsible for habitat, wilderness, recreation, water quality and environmental protection to ensure comprehensive conservation services for hunters, anglers and nonconsumptive wildlife users".
- The Department has no authority for management of plants or Important Plant Areas. The New Mexico Endangered Plant Program, under the Energy, Minerals, and Natural Resources Department's Forestry Division, identifies and develops conservation measures necessary to ensure the survival of plant species within New Mexico. Plant status information is provided within this report as a courtesy to users. Recommendations provided within the ERT may not be sufficient to preclude impacts to rare or sensitive plants, unless conservation measures are identified in coordination with the Endangered Plant Program.
- Additional coordination and/or consultation may also be necessary under the federal ESA or National Environmental Policy Act (NEPA). Further site-specific mitigation recommendations may be proposed during ESA consultation and/or NEPA analyses or through coordination with affected federal agencies.

APPENDIX F
Photographic Log

Project Name: WDDU #88
Project No.: AR257100

Appendix A - Photographic Log
NMOCD ID: nPAC0616632139



Photo 1 View from W area of pad looking E at WDDU 88 well marker.



Photo 2 View from W area of pad looking E at release area.



Photo 3 View of excavation from W side looking E at release area.



Photo 4 View of excavation from W side looking E at release area backfilled.



Photo 5 View of excavation from S side looking N at release area.



Photo 6 View of excavation backfilled from S side looking N at release area.



Photo 7 View looking W at excavation near SW side of pad.



Photo 8 View looking W at excavation backfilled near SW side of pad.

APPENDIX G
Bills of Lading

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier's No. 427157

Carrier Red Horn Environmental SCAC Date 8-7-25

TO:	FROM:
Consignee Pollarvide Fee CT (203376)	Shipper WBDU 88 (30-025-12387)
Street 32.167537-103.045327	Street 32.164805-103.075599
Destination Andrews County, Zip TX	Origin Lea County, NM Zip
Route	Vehicle Number 3

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil 20 yd			

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier an are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, an destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destinatio if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any tim interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which ar hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Zach Mueller PER: DATE: 8-7-25

CARRIER: PER: DATE: 8-7-25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

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THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier's No. 427157

Carrier Red Horn Environmental SCAC Date 8-7-25

TO:
Consignee Dollarside 708 CT (0033704) **FROM:** Shipper WOOU 88 (30-025-1738

Street 32.167537, -103.045327 Street 32.164805, -103.075599

Destination Andrews County, TX Origin Lea County, NM Zip

Route Vehicle Number 4 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 cy		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

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The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

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This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Zach Mueller as agent of Stat Envir PER: DATE: 8-7-25

CARRIER: PER: DATE: 8-7-25

EMERGENCY RESPONSE TELEPHONE NUMBER: 575-631-5011

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

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THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632179

Carrier's No. 427157

Carrier Red Horn Environmental SCAC Date 8-7-25

TO:
Consignee Dollarhide 708 CT (00337041) **FROM:** Shipper WDDU 88 (30-025-12[illegible]

Street 32.167537, -103.045327 Street (32.164805 -103.075599)

Destination Andrews County, TX Zip Origin Lea County, NM Zip

Route Vehicle Number 003 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced water Impacted Soil	20 yd		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

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The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

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This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Zach Mueller Agent of Joint Energy PER: DATE: 8-7-25

CARRIER: PER: DATE: 8-7-25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

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Shipper's No. NPAC 0616632139

Carrier's No. 4771157

Carrier Red Horn Environmental SCAC Date 8-7-25

TO:
Consignee Dollarhide 708 (00337401) **FROM:** Shipper WDDU #84 (30-025-12387)

Street 32.164405, -103.045327 Street 32.164405, -103.075599

Destination Andrews, TX Zip Origin Lea County, NM Zip

Route Vehicle Number 4 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20cy		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

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(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

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SHIPPER: Zach Mueller (Select Energy) CARRIER:

PER: DATE: 8-7-25 PER: DATE: 8-7-25

EMERGENCY RESPONSE TELEPHONE NUMBER: 575 631-7911 **NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:**

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Shipper's No. NPAC0616632136

Carrier's No. 427157

Carrier Red Horn Environmental SCAC Date 8-7-25

TO: Consignee Dollarhide 708CT 00337041	**FROM:** Shipper WCDU 88 (30-025-12387
Street 32.167537, -103.045327	Street 32.16485, -103.075599
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 4 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20cy		

Remit COD to:
Address:
City: State: Zip:

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(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

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SHIPPER: Jonathan Scott Enloe CARRIER:

PER: DATE: 8-7-25 PER: DATE: 8-7-25

EMERGENCY RESPONSE TELEPHONE NUMBER: 575 654-9611

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

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Shipper's No. NPAC0616632139

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 8-7-25

TO:
Consignee Soliz #108 (T 10033704)
Street 32.167737, -103.045327
Destination Andrews County, TX Zip

FROM:
Shipper WDDU 88 (30-025-12387)
Street 32.164805, -103.075599
Origin Lea County, NM Zip

Route
Vehicle Number 003
U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 cy		

Remit COD to:
Address:
City: State: Zip:

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(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

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This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER Zach Mueller as agent of Scott Frey CARRIER: Chris Rice
PER: DATE: 8-7-25 PER: DATE: 8-7-25

EMERGENCY RESPONSE TELEPHONE NUMBER:
NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

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Shipper's No. NAACO616622139

Carrier's No. 4271157

Carrier Red Hot Environmental SCAC Date 8-7-25

TO: Consignee Dollarhide 706 (00337239)	**FROM:** Shipper WBDU 68 (30-025-42387)
Street 32.167537 -103.045317	Street 32.164805 -103.075599
Destination Andrews Cnty/pt X Zip	Origin Lea County, NM Zip
Route	Vehicle Number 4 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20cy		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

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(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

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This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: PER: DATE:

CARRIER: PER: DATE: 8-7-25

EMERGENCY RESPONSE TELEPHONE NUMBER: 575-631-7723

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17) 2 Agent must detach and retain this Shipping Order and must sign the Original Bill of Ladi

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC 0616632139

Carrier's No. 427157

Carrier Red Horn Environmental SCAC Date 8-7-25

TO:
Consignee Dallenbach 708 CT (00337)
Street 32.164805, -103.045927
Destination Andrews County, TX Zip
Route

FROM:
Shipper NPAC 08 (30-025-12387)
Street 32.164005, -103.075590
Origin Lea County, NM Zip
Vehicle Number 3
U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced water Impacted Soil	20 yd		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier a are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, a destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destinatic if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any tir interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which a hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportatio according to the applicable regulations of the Department of Transportation PER:

SHIPPER: PER: DATE: 8-7-25

CARRIER: PER: DATE: 8-7-25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lad

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NOAC0616632139
Carrier's No. 427157
Carrier Red Horn Environmental SCAC Date 8-7-25

TO:
Consignee Dollarhide 708CT003704 **FROM:** Shipper WDW 88 (30-025-12387)
Street 32.164805, -103.045327 Street 32.164805, -103.075599
Destination Andrews County, TX Zip Origin Lea County, NM Zip
Route Vehicle Number 2 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 yd		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier ar are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, ar destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destinatio if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any tim interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which a hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Zach Mueller (Stout Energy) CARRIER:
PER: DATE: 8-7-25 PER: DATE: 8-7-25

EMERGENCY RESPONSE TELEPHONE NUMBER:
NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17) 2 Agent must detach and retain this Shipping Order and must sign the Original Bill of Ladi

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC061663213
Carrier's No. 4271-154

Carrier Red Horn Environmental SCAC Date 8-7-25

TO:
Consignee Collard 708 (F00337041) **FROM:** Shipper Wood 88 (30-025-12387)
Street 32.164805, -103.045724 Street 32.164805-103.045599
Destination Andrews County, TX Zip Origin Lea County, TX Zip
Route Vehicle Number 4 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20cy		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier an are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, an destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destinatio if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any tim interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which ar hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Zach Mueller (Giant Energy) CARRIER:
PER: DATE: 8-7-25 PER: DATE: 8-7-25

EMERGENCY RESPONSE TELEPHONE NUMBER: 575 631-8011 **NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:**

491 (Rev. 3/17) 2 Agent must detach and retain this Shipping Order and must sign the Original Bill of Ladi

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC 061663213

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 8-7-25

TO:
Consignee Pollamide 708 CT **FROM:** Shipper WOOU 88 C30-025-123

Street 32.164805, -103.045324 Street 32.164805, -103.075599

Destination Andrews County, TX Zip Origin Lea County, NM Zip

Route Vehicle Number 4 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Waters Impacted Soil	20 cy		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier ar are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, ar destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destinatio if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any tin interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which a hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Zach Mueller (Crew Enemy) CARRIER:

PER: DATE: 8-7-25 PER: DATE: 8-7-25

EMERGENCY RESPONSE TELEPHONE NUMBER: 575-694-6011

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Ladi

THIS MEMORANDUM is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, not a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. IMC0616632[illegible]

Carrier's No. 4271157

Carrier Red Horse Environmental SCAC Date 8-2-25

TO: Consignee Delaware Basin	**FROM:** Shipper IMC (32.164805, -103.075599)
Street 32.164805, -103.075599	Street 32.164805, -103.075599
Destination Loving County, Zip TX	Origin Lea County, TX Zip
Route	Vehicle Number 2 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced water from tank 61	20 bbl		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier an are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, an destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destinatior if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any tim interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which ar hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: [illegible] CARRIER: Chris Rose

PER: [illegible] DATE: 8-2-25 PER: DATE: 8-2-25

EMERGENCY RESPONSE TELEPHONE NUMBER: NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

3

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NGL091263722

Carrier's No. 427154

Carrier Oldonside 706 (T (0033741) SCAC Date 6-6-25

TO:
Consignee Red Horn Environmental
Street 32.167537, -103.045323
Destination Andrews County, TX Zip

FROM:
Shipper 400046 (30-025-12273)
Street 32.178546, -103.092150
Origin Lea County, NM Zip
Route
Vehicle Number 003
U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20yd		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier ar are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, ar destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destinatio if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any tim interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which a hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Zach Mello (Great Enemy) CARRIER:
PER: SP-390543 DATE: 6-6-25 PER: DATE: 6-6-25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17) 2 Agent must detach and retain this Shipping Order and must sign the Original Bill of Ladi

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NRAC0616632139

Carrier's No. 427157

Carrier Red Tomenvironmental SCAC Date 8-4-25

TO:
Consignee Pollard Pit (00337011)
Street 32.167937, -103.045327
Destination Andrews County, TX Zip

FROM:
Shipper WW 88 (3002512387)
Street 32.164805, -103.045599
Origin Lea County, NM Zip

Route
Vehicle Number 3
U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
7		Produced Water Impacted Soil	20CY		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier an are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, an destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destinatio if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any tim interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which ar hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. PER:

SHIPPER: PER: DATE: 8-4-25

CARRIER: Chris Kerr PER: DATE: 8-4-25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Ladi

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier's No. 427157

Carrier Red Horn Environmental SCAC Date 8-8-25

TO:
Consignee Ballard Pet 706 (Ca337)
Street 32.167537 -103.045327
Destination Andrews County Zip TX

FROM:
Shipper WDDU 88 (30-025-12367)
Street 32.164805 -103.075599
Origin Lea County, NM Zip

Route Vehicle Number 3 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 cy		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier ar are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, ar destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destinatio if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any tin interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which a hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. PER:

SHIPPER: Zach Mullins (Scale Operator) CARRIER: Chandler

PER: DATE: 8-8-25 PER: DATE: 8-8-25

EMERGENCY RESPONSE TELEPHONE NUMBER: 575 390 2649

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Ladi

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NDAC0616632139

Carrier's No. 427157

Carrier Red Horn Environmental SCAC Date 6-6-25

TO:
Consignee Rolloff Inside 708 (T 033 R34E)
Street 32.167537, -103.045327
Destination Andrews County, TX Zip

FROM:
Shipper NDOV 86 (30-025-12367)
Street 32.164805, -103.07559
Origin Lea County, NM Zip
Route
Vehicle Number 2
U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20cy		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier ar are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, ar destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destinatio if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any tim interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which a hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. PER:

SHIPPER: Zach Mueller (Scout Energy) CARRIER: Chris Rum
PER: DATE: 6-6-25 PER: DATE: 6-6-25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Ladi

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

8C

Shipper's No. NPAC0616632179

Carrier's No. 4711157

Carrier Red Hoss Environmental SCAC Date 8-8-25

TO:
Consignee Dollarhide 705 (T (003374))

Street 32.167537, -103.045327

Destination Andrews County, TX Zip

Route

FROM:
Shipper WOOU 86 30-025-12387

Street 32.164805, -103.075599

Origin Lea County, NM Zip

Vehicle Number CCU

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soils	20cy		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier an are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, an destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destinatio if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any tim interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which ar hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Zach Mueller (Safety Rep) CARRIER:

PER: DATE: 8-8-25 PER: DATE: 8-8-25

EMERGENCY RESPONSE TELEPHONE NUMBER: 575-631-0011

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

Agent must detach and retain this Shipping Order and must sign the Original Bill of Ladi

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

82

Shipper's No. NDAC0616632139

Carrier's No. 427157

Carrier Red Horn Environmental SCAC Date 8-6-25

TO:
Consignee Ballenyhide #6 (xx337)
Street 32.167537, -103.04532
Destination Andrews County, TX Zip

FROM:
Shipper NDOU 88 30-025-12367
Street 32.164805, -103.075599
Origin Lea County, NM Zip

Route

Vehicle Number 204

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20cy		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier an are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, an destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destinatior if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any tim interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which ar hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Zach Mueller^ Scan Energy
PER: DATE: 8-6-25

CARRIER:
PER: DATE: 8-6-25

EMERGENCY RESPONSE TELEPHONE NUMBER: 575-631-6911

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Ladir

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier's No. 4 157

Carrier Red Horn Environmental SCAC Date 8-6-25

TO: Consignee Outside Folks (c/o 32.167537,-103.045327)	FROM: Shipper NOV 88 30-025-12387
Street 32.167537,-103.045327	Street 32.168805,-103.075599
Destination Andrews County, TX	Origin Lea County NM Zip
Route	Vehicle Number 4
	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced water Impacted Soil	20 yd		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier an are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, an destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destinatio if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any tim interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which ar hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Lea County Soil Energy PER: DATE: 8-6-25

CARRIER: PER: DATE: 8-6-25

EMERGENCY RESPONSE TELEPHONE NUMBER: 575 (a) Soil

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

Agent must detach and retain this Shipping Order and must sign the Original Bill of Ladi

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in [illegible], and retained by the Agent.

Shipper's No. NPAC0616632137

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dillashide Unit 715CT (API: 00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 829

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20CY		

UNIT #: 004

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pancha as Agent for Scout Energy PER: _____ DATE: 09/09/25

CARRIER: Jesus Perez PER: _____ DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 432-208-5522

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Received by OCD: 4/10/2026 10:10:39 AM

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPALO616632139

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Billhide Unit 715CT (API: 00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 830

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20CY		

UNIT#: 003

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: ~~Billhide~~ Daniel Pacheco as Agent for Scout Energy CARRIER: Ck. Rec

PER: _____ DATE: 09/09/25 PER: 575-910-5415 DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

Received by OCD: 4/10/2026 10:10:39 AM

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in carbon, and retained by the Agent.

Shipper's No. NPAC0616637139

Carrier's No. 3780424

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dollarhide Unit 7 SLT (API: 00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 831

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		

UNIT#: 5

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pineda as Agent for Front Energy CARRIER: Leonardo Corona

PER: DATE: 09/09/25 PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 5759090960

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier's No. 4271157

Carrier Red Horn Environmental LLC SCAC Date 09/09/25

TO:	FROM:
Consignee Dollarhide Unit 715 CT (API: 00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.07555844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 832

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20CY		

UNIT#: 004

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pavelka as Agent for Sound Energy
PER: DATE: 09/09/25

CARRIER: Ross Pavelka
PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 432-208-5522

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in carbon, and retained by the Agent.

Shipper's No. NPALO616632134

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dollarhide Unit 715CT (API: 00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number ~~826~~ 833 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		

UNIT #: 003

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pavetka as Agent for Scout Energy CARRIER: OL Ring

PER: _____ DATE: 09/09/25 PER: [illegible] DATE 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier's No. 3780424

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dillarhide Unit 715CT (API:00337053)	Shipper WDDU88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number ~~827~~ 834 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20CY		

UNIT#: 5

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pavelka as Agent for Scout Energy CARRIER: Leonardo Cronz

PER: DATE: 09/09/25 PER: DATE:

EMERGENCY RESPONSE TELEPHONE NUMBER: 5752099960

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632134

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dallas Unit 715CT (API:00337053)	Shipper WDDV 88 (API:30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number ~~828~~ 835
	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20CY		

UNIT#: 004

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable, See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pavelka as Agent for Scout Energy
PER: DATE: 09/09/25

CARRIER: Chris Price
PER: DATE 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 432-208-5522

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in [illegible], and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dollarhide Unit 715CT (API: 00337053)	Shipper WDDU88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.07555844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 836

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		

UNIT#: 003

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pruchnicki as Agent for Sound Energy CARRIER: [illegible]
PER: _____ DATE: 09/09/25 PER: [illegible] DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Received by OCD: 4/10/2026 10:10:39 AM

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0166321396

Carrier's No. 3780424

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Ballard Unit 715 CT (API: 00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.647375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 837
	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		

UNIT #:

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pavelka as Agent for Scout Energy CARRIER: Ismael Carrillo

PER: DATE: 09/09/25 PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 575 910 9791 **NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:**

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in carbon, and retained by the Agent.

Shipper's No. NPALC0616632139

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Belladonide Unit 715 CT (API: 00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 838
	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		

UNIT#: 004

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pinedo as Agent for Xcel Energy
PER: DATE: 09/09/25

CARRIER: Jesus Perez
PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 432-208-5522

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier's No. 3780424

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dillurhide Unit 715 CT (API: 00337053)	Shipper WDDU88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 839 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		

UNIT# 5

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pavelka as Agent for Scout Energy CARRIER: Leonardo Corrales

PER: DATE: 09/09/25 PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 5759090960

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Received by OCD: 4/10/2026 10:10:39 AM

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dilkerhide Unit 715CT (API: 00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 840 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20CY		

UNIT#003

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pruett as Agent for Scout Energy PER: _____ DATE: 09/09/25

CARRIER: [signature] PER: [signature] DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

Received By OCD: 2/10/2026 10:10:39 AM

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier's No. 3780424

Carrier Red Horn Environmental LLC SCAC Date 09/09/25

TO:	FROM:
Consignee Dollarhide Unit 715CT (API:00337053)	Shipper WDDU88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.07555844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 342

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20CY		

UNIT#: 5

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pruchia as Agent for Scout Energy CARRIER: Legend to Carrier

PER: DATE: 09/09/25 PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 5759090910.0

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

Received by OCD: 9/10/2025 10:10:39 AM

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPALO616632139

Carrier's No. 4271157

Carrier Red Horn Environmental LLC SCAC Date 09/09/25

TO:	FROM:
Consignee Dillarhide Unit 715 CT (API: 00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.167339, -103.07555844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 841
	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		

UNIT#: 004

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pawelka as Agent for Devon Energy
PER: DATE 09/09/25

CARRIER: Jesus Perez
PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 432-208-5522

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

Received by OCD: 2/10/2026 10:10:39 AM

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in ...on, and retained by the Agent.

Shipper's No. NPAC0616632137

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dollarhide Unit 715CT (API: 00337053)	Shipper WDDU88 (API: 30-025-12387)
Street 32.169459, -103.947375	Street 32.1647339, -103.07555844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 843

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20CY		

UNIT#: 003

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pruett as Agent for Scout Energy CARRIER:
PER: DATE: 09/09/25 PER: 575-390-5418 DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

Received by OCD: 4/10/2026 10:39:39 AM

This SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dollarhide Unit 715 CT (API: 00337053)	Shipper VDDU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.07555844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 844 U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	70 CY		

UNIT#: 004

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pinetha as Agent for Scout Energy CARRIER: Jesus Perez

PER: DATE: 09/09/25 PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 432-208-5522

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

Received by OCD: 2/10/2026 10:10:39 AM

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Typewriting, and retained by the Agent.

Shipper's No. NPAL0616632137

Carrier's No.

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dollarhide Unit 715CT (API: 00337053)	Shipper WODU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 845

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		
		UNIT #			

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pruchia as Agent for Scout Energy PER: DATE: 09/09/25

CARRIER: Leonardo Cervantes PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 5757090960

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

Received by OCD: 4/10/2026 10:10:39 AM

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier's No. 4271157

Carrier Red Horn Environmental, LLC SCAC Date 09/09/25

TO:	FROM:
Consignee Dollarhide Unit 715CT (API: 00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 846
	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		

UNIT #004

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pavelka as Agent for Scout Energy CARRIER: Jesus Perez.

PER: DATE: 09/09/25 PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 432-208-5522

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

Received by OCD: 2/10/2026 10:10:39 AM

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in ...on, and retained by the Agent.

Shipper's No. NPALO616632139

Carrier's No. 3780424

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dalehide Unit 715CT (API: 00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.07555844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 847

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		

UNIT #: 5

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: David Pavelka as Agent for Svard Energy CARRIER: Leonardo Corona

PER: DATE: 09/09/25 PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 5759090960

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

Received by OCD: 4/10/2026 10:10:39 AM

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPACO616632137

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dillarhide Unit 715CT (API:00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.0755814
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 848

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		

UNIT#: 003

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pavelka as Agent for Sigma Energy PER: DATE: 09/09/25

CARRIER: C. Ruiz PER: 575-390-7015 DATE 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

THIS SHIPPING ORDER must be legibly filled in, in ink, in indelible Pencil, or in ..., and retained by the Agent.

Shipper's No. NPAC0616632157

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Rollarhide Unit 715 CT (API: 00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.047875	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 849

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		
		UNIT #: 004			

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pavetka as Agent for Xpert Energy PER: DATE: 09/09/25

CARRIER: Jesus Prieto PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 432-208-5522

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Received by OCD: 10/30/2025 10:10:39 AM

THIS SHIPPING ORDER

Must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPALO616632139

Carrier's No. 3780424

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dalehide Unit 715CT (API: 00337053)	Shipper WODU 88 (API: 30-025-12387)
Street 32.1672159, -103.047375	Street 32.1647332, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 850
	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		

UNIT#: 5

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pruett as Agent for Sacrat Energy CARRIER: Leonardo Carrasco

PER: DATE: 09/09/25 PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 5759090960

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

Received by OCD: 2/10/2026 10:10:39 AM

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in ...on, and retained by the Agent.

Shipper's No. NPAC0616632137

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dollarhide Unit 715 CT API (00337053)	Shipper WDDU 88 (API: 30-025-12387)
Street 32.169459, -103.947375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 851
	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20 CY		

UNIT #003

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pruchka as Agent for Scout Energy CARRIER: Chris Rose

PER: DATE: 09/09/25 PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Dillon Hide Unit 715 CT (API:00337053)	Shipper WD DU88 (API:30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 852

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20CY		
		UNIT#: 004			

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per .

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pavelka as Agent for Sioux Energy CARRIER: Jesus Nieto

PER: DATE: 09/09/25 PER: DATE: 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 432-208-5522

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in ...on, and retained by the Agent.

Shipper's No. NPALO616632157

Carrier's No. 3780424

Carrier Red Horn Environmental SCAC Date 09/09/25

TO:	FROM:
Consignee Billarhide Unit 715CT (API: 00337053)	Shipper WODU 88 (API: 30-025-12387)
Street 32.169459, -103.047375	Street 32.1647339, -103.07555844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 853

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	~~20~~ 10 CY		

UNIT#: 5

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Daniel Pruitt as Agent for Scout Energy CARRIER: Leonardo Cerros

PER: DATE: 09/09/25 PER: DATE 09/09/25

EMERGENCY RESPONSE TELEPHONE NUMBER: 575 909 0960 NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER

Must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

DTP 10/21/25
Shipper's No. NRL0912831220

Carrier's No. 427154

Carrier Red Horn Environmental SCAC Date 10-3-25

TO:	FROM:
Consignee Occidental Permian	Shipper WDDU 88
Street 32.1696655, -103.0541	Street 32.1673339, -103.0931 DTP 10/21/25
Destination Andrews Co TX Zip	Origin Lea Co NM Zip
Route	Vehicle Number 004

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Contaminated Water Impacted Soil	20yd		

Incident No.: NPALO616632139
Shipper: WDDU 88 (API: 30-025-12387)
Street: 32.1647339, -103.0755844

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. PER:

SHIPPER: Cameron Crow PER: _____ DATE: 10-3-25

CARRIER: PER: DATE: 10-3-25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER

Must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

DTP 10/21/25

Shipper's No. ~~HBR09162-1220~~

Carrier's No. 427157

Carrier Red Horn Environmental SCAC Date 10-3-25

TO:
Consignee Collemide 8490

Street 32.169565, -103.054197

Destination Andrews Co. TX

Route

FROM:
Shipper ~~WDDU 88 (30-025-12387)~~

Street ~~32.1763, -103.0921~~ DTP 10/21/25

Origin Lea Co. NM Zip

Vehicle Number 003

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water Impacted Soil	20yd		

Incident No.: NPAC0616632139
Shipper: WDDU 88 (API: 30-025-12387)
Street: 32.1647339, -103.0755844

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. PER:

SHIPPER: [illegible] PER: DATE: 10-3-25

CARRIER: PER: DATE: 10-3-25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

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THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

DTP 10/21/25

Shipper's No. NRL0917637720 / 1171 S1

Carrier's No.

Carrier Rob Hom Environmental SCAC Date 10-3-25

TO:
Consignee Controlled 4490
Street 32.169565, -103.054127
Destination Andrews Co. TX Zip
Route

FROM:
Shipper ~~WDDU 88 (30-025-12273)~~
Street ~~32.1653, -103.0921~~ DTP 10/21/25
Origin Lea Co. NM Zip
Vehicle Number 003
U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced Water & Impacted Soil	20y		

Incident No.: NPAC0616632139
Shipper: WDDU 88 (API: 30-025-12387)
Street: 32.1647339, -103.0755844

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Zach Mueller as agent of Stat Energy CARRIER: Chris Rue
PER: DATE: 10-3-25 PER: DATE: 10-3-25

EMERGENCY RESPONSE TELEPHONE NUMBER:
NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

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THIS SHIPPING ORDER

Must be filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPA06161632139

Carrier's No. 427157

Carrier Basil Horn Environmental SCAC Date 10-6-25

TO:	FROM:
Consignee Dollar Hide Unit 84491 (NT-00304933)	Shipper WDW 68 (API 30-025-12387)
Street 32.169565, -103.054197	Street 32 16 4750 -103 075583
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 003

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced water Impacted Soil	20 cy		

427157 0 of 5

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. PER:

SHIPPER: Stephanie Velasquez as Agent for Sec & Energy

PER: _____ DATE: 10-6-25

CARRIER: _____

PER: Jmendez DATE: _____

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER

Must be filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NMC061663451

Carrier's No. 4271157

Carrier Pro Haul Environmental SCAC Date 10-6-25

TO:	FROM:
Consignee LLC - Jal Unit 149 (NMS 0031933)	Shipper WDDU 85 (NW30-025-12587)
Street 32.169565, -103.054197	Street 32.161750, -104.075693
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 004
	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Petro Water Impacted Soil	20yd		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Joseph Goodner
PER: DATE: 10-6-25

CARRIER:
PER: DATE:

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Released to Imaging: 4/15/2026 2:07:11 PM

THIS SHIPPING ORDER

Must be typewritten or filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NDALC0616632139

Carrier's No. 4271157

Carrier Red Horn Environmental SCAC Date 10-6-25

TO:	FROM:
Consignee Dollar Hide, Unit 8490 (API. 00304933	Shipper WDDU 45 (API 30-025-12337)
Street 32.169565, -103.054197	Street 32.164750, -103.075513
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	Vehicle Number 003
	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1		Produced water Impacted Soil	20 yd		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: Joseph Cavazier as Agent for Soil Energy
PER: DATE: 10-06-25

CARRIER:
PER: DATE:

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

491 (Rev. 3/17)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier Red Horn Environmental SCAC _____ Carrier's No. 4271157

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at _____, date _____ from _____

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: Dilkhide Unit 807CT	**FROM:** WDDU 88
Consignee (API: 00337584)	Shipper (API: 30-025-12387)
Street 32.17093, -103.053745	Street 32.1647339, -103.07555844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	

Delivering Carrier	Vehicle Number	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1			Produced Water Impacted Soil			20 CY		
			UNIT#: 004					

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: Daniel Pavelka as Agent for Scout Energy CARRIER: _____

PER: _____ DATE: 12/02/25 PER: _____ DATE: 12/02/25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

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2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier Red Horn Environmental SCAC _____ Carrier's No. 4271157

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at _____, date 12/02/25 from _____

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: Dollarhide Unit 807CT	FROM: WDDU 88
Consignee (API: 00337584)	Shipper (API: 30-025-12387)
Street 32.17093, -103.053745	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	

Delivering Carrier	Vehicle Number 2	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1			Produced Water Impacted Soil			20 CY		
			UNIT#: 003					

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: Daniel Parretha as Agent for Scout Energy CARRIER: ALFREDO AM

PER: _____ DATE: 12/02/25 PER: _____ DATE: 12/02/25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

435 (Rev. 3/17)

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2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER

Must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier Red Horn Environmental SCAC _____ Carrier's No. WD139394

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at _____, date 12/02/25 from _____

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: Dollarhide Unit 807 CT	FROM: WDDU 88
Consignee (API: 00337584)	Shipper (API: 30-025-12387)
Street 32.17093, -103.053745	Street 32.1647339, -103.0755841
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	

Delivering Carrier	Vehicle Number 3	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1			Produced Water Impacted Soil			10CY		
			UNIT#: N/A					

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: Daniel Parelka as Agent for Scout Energy CARRIER: Jerry Quist

PER: _____ DATE: 12/02/25 PER: _____ DATE: 12/02/25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

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Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER

Must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPALO616632139

Carrier Red Horn Environmental SCAC _____ Carrier's No. WD140007

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at _____, date 12/02/25 from _____

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: Dollarhide Unit 807 CT	FROM: WDDU 88
Consignee (API: 003375584)	Shipper (API: 30-025-12387)
Street 32.17093, -103.053745	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	

Delivering Carrier	Vehicle Number 4	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1			Reduced Water Impacted Soil			20 CY		
			UNIT#: 07					

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE: Gerardo Guevara

SHIPPER: Dottie Daniel Pavelka as Agent for Sweet Energy PER: _____ DATE: 12/02/25

CARRIER: _____ PER: _____ DATE: 12/02/25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

435 (Rev. 3/17)

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2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

THIS SHIPPING ORDER

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. NPAC0616632139

Carrier Red Horn Environmental SCAC _____ Carrier's No. 4271157

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at _____, date 12/02/25 from _____

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: Dollarhide Unit 807CT	FROM: WSDU 88
Consignee (API: 00337584)	Shipper (API: 30-025-12387)
Street 32.17093, -103.053745	Street 32.1647339, -103.0755844
Destination Andrews County, TX Zip	Origin Lea County, NM Zip
Route	

Delivering Carrier	Vehicle Number 5	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1			Produced Water Impacted Soil			20CY		
			UNIT #: 004					

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: Daniel Pruchka as Agent for Scout Energy CARRIER: _____

PER: _____ DATE: 12/02/25 PER: _____ DATE: 12/02/25

EMERGENCY RESPONSE TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

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Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

APPENDIX H
Laboratory Analytical Reports & Chain of Custody

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

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JOB DESCRIPTION

WDDU #88
AR257100

JOB NUMBER

820-20582-1

Eurofins Lubbock
6701 Aberdeen Ave.
Suite 8
Lubbock TX 79424

See page two for job notes and contact information.

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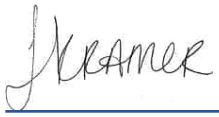
Eurofins Lubbock

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

Eurofins Lubbock

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD,and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments. QC data that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result. Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Coliform MCLs
· Based on the EPA primary drinking water standard MCL for total coliforms, a water supply is considered bacteriologically "SAFE" if no coliform bacteria are detected. To be considered "SAFE" your report should indicate "<1 cfu/100mL" or "NEG" for the coliform test. If you report indicates a positive result "POS" or a value greater than or equal to one, then your supply is "UNSAFE FOR DRINKING" contact your local health department.

Warranties, Terms, and Conditions
· Analyses for Field Parameters are performed by Eurofins Philadelphia field staff. Locations and certifications are identified on the Chain of Custody as follows:

ERF = field staff performs tests under NJ State certification # 02015.
VL = field staff performs tests under NJ State certification # 06005.
WG = field staff performs tests under NJ State certification # PA001, PA State certification # 48-01334.
H = field staff performs tests under NJ NELAP certification # PA093, PA NELAP certification # 46-05499.

· Test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.

· The report shall not be reproduced, except in full, without the written consent of the laboratory

· All samples are collected as "grab" samples unless otherwise identified.

· Reported results related only to the samples as tested. Eurofins Philadelphia is not responsible for sample integrity unless sampling has been performed by a member of our staff.

· Eurofins Philadelphia is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance.

· Eurofins' online data portal "TotalAccess" will provide you with real-time access to collection dates and testing results. Please contact Client Services for further information.

· The following personnel or their deputies have approved the results of the tests performed by Eurofins Philadelphia : Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).



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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: WDDU #88

Job ID: 820-20582-1

Job ID: 820-20582-1 Eurofins Lubbock

Job Narrative
820-20582-1

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

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

Receipt
The samples were received on 8/25/2025 4:43 PM. 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.

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

CFS-1 (1.0'-1.5') (820-20582-1), CFS-2 (1.0'-1.5') (820-20582-2), CFS-3 (1.0'-1.5') (820-20582-3), CFS-4 (1.0'-1.5') (820-20582-4), CFS-5 (1.0'-1.5') (820-20582-5), CFS-6 (1.0'-1.5') (820-20582-6), CFS-7 (1.0'-1.5') (820-20582-7), CFS-8 (2,5'-3.0') (820-20582-8), CFS-9 (2,5'-3.0') (820-20582-9), CFS-10 (2,5'-3.0') (820-20582-10), CFS-11 (2,5'-3.0') (820-20582-11), CFS-12 (2,5'-3.0') (820-20582-12), CFS-13 (2,5'-3.0') (820-20582-13), CFS-14 (1.0'-1.5') (820-20582-14), CWS-1 (0.0'-1.5') (820-20582-15), CWS-2 (0.0'-3.0') (820-20582-16), CWS-3 (0.0'-3.0') (820-20582-17) and CWS-4 (0.0'-1.5') (820-20582-18)

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-117670 and analytical batch 880-117762 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.

Diesel Range Organics
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-117591 and analytical batch 880-117855 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.

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-1 (1.0'-1.5')

Lab Sample ID: 820-20582-1
Matrix: Solid
Date Collected: 08/20/25 13:25
Date Received: 08/25/25 16:43
Sample Depth: 1.0 - 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		08/27/25 09:04	08/28/25 23:29	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		08/27/25 09:04	08/28/25 23:29	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		08/27/25 09:04	08/28/25 23:29	1
m,p-Xylenes	<0.00400	U F1	0.00400		mg/Kg		08/27/25 09:04	08/28/25 23:29	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		08/27/25 09:04	08/28/25 23:29	1
Xylenes, Total	<0.00400	U F1	0.00400		mg/Kg		08/27/25 09:04	08/28/25 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/27/25 09:04*	*08/28/25 23:29*	*1*
1,4-Difluorobenzene (Surr)	*121*		*70 - 130*	*08/27/25 09:04*	*08/28/25 23:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/28/25 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	<49.8	U	49.8		mg/Kg			08/27/25 11:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/26/25 09:27	08/27/25 11:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/26/25 09:27	08/27/25 11:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/26/25 09:27	08/27/25 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*08/26/25 09:27*	*08/27/25 11:14*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*08/26/25 09:27*	*08/27/25 11:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		9.92		mg/Kg			08/26/25 16:18	1

Client Sample ID: CFS-2 (1.0'-1.5')

Lab Sample ID: 820-20582-2
Matrix: Solid
Date Collected: 08/20/25 13:30
Date Received: 08/25/25 16:43
Sample Depth: 1.0 - 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:04	08/28/25 23:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:04	08/28/25 23:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:04	08/28/25 23:49	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/27/25 09:04	08/28/25 23:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:04	08/28/25 23:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/27/25 09:04	08/28/25 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*08/27/25 09:04*	*08/28/25 23:49*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-2 (1.0'-1.5')

Lab Sample ID: 820-20582-2
Matrix: Solid
Date Collected: 08/20/25 13:30
Date Received: 08/25/25 16:43
Sample Depth: 1.0 - 1.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*08/27/25 09:04*	*08/28/25 23:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/28/25 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	**94.8**		50.0		mg/Kg			08/27/25 11:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/26/25 09:27	08/27/25 11:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/25 09:27	08/27/25 11:29	1
Oil Range Organics (Over C28-C36)	**94.8**		50.0		mg/Kg		08/26/25 09:27	08/27/25 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*08/26/25 09:27*	*08/27/25 11:29*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*08/26/25 09:27*	*08/27/25 11:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**335**		9.96		mg/Kg			08/27/25 00:26	1

Client Sample ID: CFS-3 (1.0'-1.5')

Lab Sample ID: 820-20582-3
Matrix: Solid
Date Collected: 08/20/25 13:35
Date Received: 08/25/25 16:43
Sample Depth: 1.0 - 1.5

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		08/27/25 09:04	08/29/25 00:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:04	08/29/25 00:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:04	08/29/25 00:10	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/27/25 09:04	08/29/25 00:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:04	08/29/25 00:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/27/25 09:04	08/29/25 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*08/27/25 09:04*	*08/29/25 00:10*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*08/27/25 09:04*	*08/29/25 00:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/29/25 00:10	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-3 (1.0'-1.5')

Lab Sample ID: 820-20582-3
Matrix: Solid
Date Collected: 08/20/25 13:35
Date Received: 08/25/25 16:43
Sample Depth: 1.0 - 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**260**		49.8		mg/Kg			08/27/25 11:44	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		08/26/25 09:27	08/27/25 11:44	1
Diesel Range Organics (Over C10-C28)	**168**		49.8		mg/Kg		08/26/25 09:27	08/27/25 11:44	1
Oil Range Organics (Over C28-C36)	**92.0**		49.8		mg/Kg		08/26/25 09:27	08/27/25 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*08/26/25 09:27*	*08/27/25 11:44*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*08/26/25 09:27*	*08/27/25 11:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**584**		10.0		mg/Kg			08/27/25 00:32	1

Client Sample ID: CFS-4 (1.0'-1.5')

Lab Sample ID: 820-20582-4
Matrix: Solid
Date Collected: 08/20/25 13:40
Date Received: 08/25/25 16:43
Sample Depth: 1.0 - 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 00:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 00:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 00:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:04	08/29/25 00:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 00:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:04	08/29/25 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*08/27/25 09:04*	*08/29/25 00:30*	*1*
1,4-Difluorobenzene (Surr)	*127*		*70 - 130*	*08/27/25 09:04*	*08/29/25 00:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/25 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	**80.3**		49.9		mg/Kg			08/27/25 12:00	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		08/26/25 09:27	08/27/25 12:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/26/25 09:27	08/27/25 12:00	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-4 (1.0'-1.5')

Lab Sample ID: 820-20582-4
Matrix: Solid
Date Collected: 08/20/25 13:40
Date Received: 08/25/25 16:43
Sample Depth: 1.0 - 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	80.3		49.9		mg/Kg		08/26/25 09:27	08/27/25 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*08/26/25 09:27*	*08/27/25 12:00*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*08/26/25 09:27*	*08/27/25 12:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	744		10.1		mg/Kg			08/27/25 00:38	1

Client Sample ID: CFS-5 (1.0'-1.5')

Lab Sample ID: 820-20582-5
Matrix: Solid
Date Collected: 08/20/25 13:45
Date Received: 08/25/25 16:43
Sample Depth: 1.0 - 1.5

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		08/27/25 09:04	08/29/25 00:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:04	08/29/25 00:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:04	08/29/25 00:51	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/27/25 09:04	08/29/25 00:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:04	08/29/25 00:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/27/25 09:04	08/29/25 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*08/27/25 09:04*	*08/29/25 00:51*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*08/27/25 09:04*	*08/29/25 00:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/29/25 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	<50.0	U	50.0		mg/Kg			08/27/25 12:15	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		08/26/25 09:27	08/27/25 12:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/25 09:27	08/27/25 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/25 09:27	08/27/25 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*08/26/25 09:27*	*08/27/25 12:15*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*08/26/25 09:27*	*08/27/25 12:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	783		9.94		mg/Kg			08/27/25 00:43	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-6 (1.0'-1.5')

Lab Sample ID: 820-20582-6
Matrix: Solid
Date Collected: 08/20/25 13:50
Date Received: 08/25/25 16:43
Sample Depth: 1.0 - 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:04	08/29/25 01:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:04	08/29/25 01:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:04	08/29/25 01:11	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/27/25 09:04	08/29/25 01:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:04	08/29/25 01:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/27/25 09:04	08/29/25 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*08/27/25 09:04*	*08/29/25 01:11*	*1*
1,4-Difluorobenzene (Surr)	*124*		*70 - 130*	*08/27/25 09:04*	*08/29/25 01:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/25 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	**50.5**		50.0		mg/Kg			08/27/25 12:31	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		08/26/25 09:27	08/27/25 12:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/25 09:27	08/27/25 12:31	1
Oil Range Organics (Over C28-C36)	**50.5**		50.0		mg/Kg		08/26/25 09:27	08/27/25 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*08/26/25 09:27*	*08/27/25 12:31*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*08/26/25 09:27*	*08/27/25 12:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**623**		9.98		mg/Kg			08/27/25 01:00	1

Client Sample ID: CFS-7 (1.0'-1.5')

Lab Sample ID: 820-20582-7
Matrix: Solid
Date Collected: 08/20/25 13:55
Date Received: 08/25/25 16:43
Sample Depth: 1.0 - 1.5

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		08/27/25 09:04	08/29/25 01:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:04	08/29/25 01:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:04	08/29/25 01:32	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/27/25 09:04	08/29/25 01:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:04	08/29/25 01:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/27/25 09:04	08/29/25 01:32	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-7 (1.0'-1.5')

Lab Sample ID: 820-20582-7
Matrix: Solid
Date Collected: 08/20/25 13:55
Date Received: 08/25/25 16:43
Sample Depth: 1.0 - 1.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/27/25 09:04*	*08/29/25 01:32*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*08/27/25 09:04*	*08/29/25 01:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/29/25 01:32	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			08/27/25 12:46	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		08/26/25 09:27	08/27/25 12:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/26/25 09:27	08/27/25 12:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/26/25 09:27	08/27/25 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*08/26/25 09:27*	*08/27/25 12:46*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*08/26/25 09:27*	*08/27/25 12:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**558**		9.94		mg/Kg			08/27/25 01:06	1

Client Sample ID: CFS-8 (2,5'-3.0')

Lab Sample ID: 820-20582-8
Matrix: Solid
Date Collected: 08/20/25 14:00
Date Received: 08/25/25 16:43
Sample Depth: 2.5 - 3.0

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		08/27/25 09:04	08/29/25 01:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 01:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 01:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:04	08/29/25 01:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 01:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:04	08/29/25 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/27/25 09:04*	*08/29/25 01:52*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*08/27/25 09:04*	*08/29/25 01:52*	*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			08/29/25 01:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2790**		49.9		mg/Kg			08/27/25 13:42	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-8 (2,5'-3.0')

Lab Sample ID: 820-20582-8
Matrix: Solid
Date Collected: 08/20/25 14:00
Date Received: 08/25/25 16:43
Sample Depth: 2.5 - 3.0

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	<49.9	U	49.9		mg/Kg		08/26/25 09:27	08/27/25 13:42	1
Diesel Range Organics (Over C10-C28)	**2180**		49.9		mg/Kg		08/26/25 09:27	08/27/25 13:42	1
Oil Range Organics (Over C28-C36)	**607**		49.9		mg/Kg		08/26/25 09:27	08/27/25 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*08/26/25 09:27*	*08/27/25 13:42*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*08/26/25 09:27*	*08/27/25 13:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**614**		9.96		mg/Kg			08/27/25 01:12	1

Client Sample ID: CFS-9 (2,5'-3.0')

Lab Sample ID: 820-20582-9
Matrix: Solid
Date Collected: 08/20/25 14:05
Date Received: 08/25/25 16:43
Sample Depth: 2.5 - 3.0

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		08/27/25 09:04	08/29/25 02:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:04	08/29/25 02:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:04	08/29/25 02:13	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		08/27/25 09:04	08/29/25 02:13	1
o-Xylene	**0.00569**		0.00198		mg/Kg		08/27/25 09:04	08/29/25 02:13	1
Xylenes, Total	**0.00569**		0.00397		mg/Kg		08/27/25 09:04	08/29/25 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*08/27/25 09:04*	*08/29/25 02:13*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*08/27/25 09:04*	*08/29/25 02:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00569**		0.00397		mg/Kg			08/29/25 02:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2080**		50.0		mg/Kg			08/27/25 13:58	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	<50.0	U	50.0		mg/Kg		08/26/25 09:27	08/27/25 13:58	1
Diesel Range Organics (Over C10-C28)	**1800**		50.0		mg/Kg		08/26/25 09:27	08/27/25 13:58	1
Oil Range Organics (Over C28-C36)	**284**		50.0		mg/Kg		08/26/25 09:27	08/27/25 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*08/26/25 09:27*	*08/27/25 13:58*	*1*

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-9 (2,5'-3.0')

Lab Sample ID: 820-20582-9
Matrix: Solid
Date Collected: 08/20/25 14:05
Date Received: 08/25/25 16:43
Sample Depth: 2.5 - 3.0

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	*88*		*70 - 130*	*08/26/25 09:27*	*08/27/25 13:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**524**		10.1		mg/Kg			08/27/25 01:17	1

Client Sample ID: CFS-10 (2,5'-3.0')

Lab Sample ID: 820-20582-10
Matrix: Solid
Date Collected: 08/20/25 14:10
Date Received: 08/25/25 16:43
Sample Depth: 2.5 - 3.0

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		08/27/25 09:04	08/29/25 02:34	1
Toluene	**0.00238**		0.00202		mg/Kg		08/27/25 09:04	08/29/25 02:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:04	08/29/25 02:34	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/27/25 09:04	08/29/25 02:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:04	08/29/25 02:34	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/27/25 09:04	08/29/25 02:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*08/27/25 09:04*	*08/29/25 02:34*	*1*
1,4-Difluorobenzene (Surr)	*125*		*70 - 130*	*08/27/25 09:04*	*08/29/25 02:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/29/25 02:34	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			08/27/25 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/26/25 09:27	08/27/25 14:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/26/25 09:27	08/27/25 14:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/25 09:27	08/27/25 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*99*		*70 - 130*	*08/26/25 09:27*	*08/27/25 14:13*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*08/26/25 09:27*	*08/27/25 14:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**514**		10.1		mg/Kg			08/27/25 01:23	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-11 (2,5'-3.0')

Lab Sample ID: 820-20582-11
Matrix: Solid
Date Collected: 08/20/25 14:15
Date Received: 08/25/25 16:43
Sample Depth: 2.5 - 3.0

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		08/27/25 09:04	08/29/25 04:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 04:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 04:08	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:04	08/29/25 04:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 04:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:04	08/29/25 04:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*08/27/25 09:04*	*08/29/25 04:08*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*08/27/25 09:04*	*08/29/25 04:08*	*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			08/29/25 04:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**62.1**		49.9		mg/Kg			08/27/25 14:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/26/25 09:27	08/27/25 14:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/26/25 09:27	08/27/25 14:29	1
Oil Range Organics (Over C28-C36)	**62.1**		49.9		mg/Kg		08/26/25 09:27	08/27/25 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*08/26/25 09:27*	*08/27/25 14:29*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*08/26/25 09:27*	*08/27/25 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**561**		10.1		mg/Kg			08/27/25 01:29	1

Client Sample ID: CFS-12 (2,5'-3.0')

Lab Sample ID: 820-20582-12
Matrix: Solid
Date Collected: 08/20/25 14:20
Date Received: 08/25/25 16:43
Sample Depth: 2.5 - 3.0

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		08/27/25 09:04	08/29/25 04:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 04:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 04:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:04	08/29/25 04:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 04:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:04	08/29/25 04:28	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-12 (2,5'-3.0')

Lab Sample ID: 820-20582-12
Matrix: Solid
Date Collected: 08/20/25 14:20
Date Received: 08/25/25 16:43
Sample Depth: 2.5 - 3.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*08/27/25 09:04*	*08/29/25 04:28*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*08/27/25 09:04*	*08/29/25 04:28*	*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			08/29/25 04:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**361**		50.0		mg/Kg			08/27/25 14:44	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		08/26/25 09:27	08/27/25 14:44	1
Diesel Range Organics (Over C10-C28)	**216**		50.0		mg/Kg		08/26/25 09:27	08/27/25 14:44	1
Oil Range Organics (Over C28-C36)	**145**		50.0		mg/Kg		08/26/25 09:27	08/27/25 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*96*		*70 - 130*	*08/26/25 09:27*	*08/27/25 14:44*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*08/26/25 09:27*	*08/27/25 14:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**530**		10.1		mg/Kg			08/27/25 01:46	1

Client Sample ID: CFS-13 (2,5'-3.0')

Lab Sample ID: 820-20582-13
Matrix: Solid
Date Collected: 08/20/25 14:25
Date Received: 08/25/25 16:43
Sample Depth: 2.5 - 3.0

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		08/27/25 09:04	08/29/25 04:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:04	08/29/25 04:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:04	08/29/25 04:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/27/25 09:04	08/29/25 04:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:04	08/29/25 04:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/27/25 09:04	08/29/25 04:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/27/25 09:04*	*08/29/25 04:49*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*08/27/25 09:04*	*08/29/25 04:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/25 04:49	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-13 (2,5'-3.0')

Lab Sample ID: 820-20582-13
Matrix: Solid
Date Collected: 08/20/25 14:25
Date Received: 08/25/25 16:43
Sample Depth: 2.5 - 3.0

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			08/27/25 15:00	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		08/26/25 09:27	08/27/25 15:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/25 09:27	08/27/25 15:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/25 09:27	08/27/25 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*08/26/25 09:27*	*08/27/25 15:00*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*08/26/25 09:27*	*08/27/25 15:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		10.0		mg/Kg			08/27/25 01:51	1

Client Sample ID: CFS-14 (1.0'-1.5')

Lab Sample ID: 820-20582-14
Matrix: Solid
Date Collected: 08/20/25 14:30
Date Received: 08/25/25 16:43
Sample Depth: 1.0 - 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:04	08/29/25 05:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:04	08/29/25 05:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:04	08/29/25 05:09	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/27/25 09:04	08/29/25 05:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:04	08/29/25 05:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/27/25 09:04	08/29/25 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*08/27/25 09:04*	*08/29/25 05:09*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*08/27/25 09:04*	*08/29/25 05:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/29/25 05:09	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			08/27/25 15:15	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		08/26/25 09:27	08/27/25 15:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/26/25 09:27	08/27/25 15:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/26/25 09:27	08/27/25 15:15	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-14 (1.0'-1.5')

Lab Sample ID: 820-20582-14
Matrix: Solid

Date Collected: 08/20/25 14:30
Date Received: 08/25/25 16:43
Sample Depth: 1.0 - 1.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*08/26/25 09:27*	*08/27/25 15:15*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*08/26/25 09:27*	*08/27/25 15:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**610**		10.1		mg/Kg			08/27/25 02:08	1

Client Sample ID: CWS-1 (0.0'-1.5')

Lab Sample ID: 820-20582-15
Matrix: Solid

Date Collected: 08/20/25 14:35
Date Received: 08/25/25 16:43
Sample Depth: 0.0 - 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:04	08/29/25 05:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:04	08/29/25 05:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:04	08/29/25 05:30	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/27/25 09:04	08/29/25 05:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:04	08/29/25 05:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/27/25 09:04	08/29/25 05:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*08/27/25 09:04*	*08/29/25 05:30*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*08/27/25 09:04*	*08/29/25 05:30*	*1*

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			08/29/25 05:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**293**		49.8		mg/Kg			08/27/25 16:48	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		08/26/25 09:27	08/27/25 16:48	1
Diesel Range Organics (Over C10-C28)	**131**		49.8		mg/Kg		08/26/25 09:27	08/27/25 16:48	1
Oil Range Organics (Over C28-C36)	**162**		49.8		mg/Kg		08/26/25 09:27	08/27/25 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*08/26/25 09:27*	*08/27/25 16:48*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*08/26/25 09:27*	*08/27/25 16:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**375**		9.96		mg/Kg			08/27/25 02:14	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CWS-2 (0.0'-3.0')

Lab Sample ID: 820-20582-16
Matrix: Solid
Date Collected: 08/20/25 14:40
Date Received: 08/25/25 16:43
Sample Depth: 0.0 - 3.0

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		08/27/25 09:04	08/29/25 05:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:04	08/29/25 05:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:04	08/29/25 05:50	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/27/25 09:04	08/29/25 05:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:04	08/29/25 05:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/27/25 09:04	08/29/25 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/27/25 09:04*	*08/29/25 05:50*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*08/27/25 09:04*	*08/29/25 05:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/29/25 05:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**523**		50.0		mg/Kg			08/27/25 17:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/26/25 09:27	08/27/25 17:03	1
Diesel Range Organics (Over C10-C28)	**334**		50.0		mg/Kg		08/26/25 09:27	08/27/25 17:03	1
Oil Range Organics (Over C28-C36)	**189**		50.0		mg/Kg		08/26/25 09:27	08/27/25 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*08/26/25 09:27*	*08/27/25 17:03*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*08/26/25 09:27*	*08/27/25 17:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**584**		9.98		mg/Kg			08/27/25 02:20	1

Client Sample ID: CWS-3 (0.0'-3.0')

Lab Sample ID: 820-20582-17
Matrix: Solid
Date Collected: 08/20/25 14:45
Date Received: 08/25/25 16:43
Sample Depth: 0.0 - 3.0

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		08/27/25 09:04	08/29/25 06:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 06:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 06:11	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:04	08/29/25 06:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:04	08/29/25 06:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:04	08/29/25 06:11	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CWS-3 (0.0'-3.0')

Lab Sample ID: 820-20582-17
Matrix: Solid
Date Collected: 08/20/25 14:45
Date Received: 08/25/25 16:43
Sample Depth: 0.0 - 3.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*08/27/25 09:04*	*08/29/25 06:11*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*08/27/25 09:04*	*08/29/25 06:11*	*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			08/29/25 06:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**83.0**		49.8		mg/Kg			08/27/25 17:18	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	<49.8	U	49.8		mg/Kg		08/26/25 09:27	08/27/25 17:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/26/25 09:27	08/27/25 17:18	1
Oil Range Organics (Over C28-C36)	**83.0**		49.8		mg/Kg		08/26/25 09:27	08/27/25 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*08/26/25 09:27*	*08/27/25 17:18*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*08/26/25 09:27*	*08/27/25 17:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**678**		10.0		mg/Kg			08/27/25 02:25	1

Client Sample ID: CWS-4 (0.0'-1.5')

Lab Sample ID: 820-20582-18
Matrix: Solid
Date Collected: 08/20/25 14:50
Date Received: 08/25/25 16:43
Sample Depth: 0.0 - 1.5

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		08/27/25 09:04	08/29/25 06:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:04	08/29/25 06:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:04	08/29/25 06:31	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/27/25 09:04	08/29/25 06:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:04	08/29/25 06:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/27/25 09:04	08/29/25 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*08/27/25 09:04*	*08/29/25 06:31*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*08/27/25 09:04*	*08/29/25 06:31*	*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			08/29/25 06:31	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CWS-4 (0.0'-1.5')

Lab Sample ID: 820-20582-18
Matrix: Solid
Date Collected: 08/20/25 14:50
Date Received: 08/25/25 16:43
Sample Depth: 0.0 - 1.5

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			08/28/25 12:45	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		08/26/25 11:56	08/28/25 12:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		08/26/25 11:56	08/28/25 12:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/25 11:56	08/28/25 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*08/26/25 11:56*	*08/28/25 12:45*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*08/26/25 11:56*	*08/28/25 12:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**172**		10.0		mg/Kg			08/27/25 02:31	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

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)
820-20582-1	CFS-1 (1.0'-1.5')	98	121
820-20582-1 MS	CFS-1 (1.0'-1.5')	90	100
820-20582-1 MSD	CFS-1 (1.0'-1.5')	92	106
820-20582-2	CFS-2 (1.0'-1.5')	102	118
820-20582-3	CFS-3 (1.0'-1.5')	95	118
820-20582-4	CFS-4 (1.0'-1.5')	105	127
820-20582-5	CFS-5 (1.0'-1.5')	102	119
820-20582-6	CFS-6 (1.0'-1.5')	104	124
820-20582-7	CFS-7 (1.0'-1.5')	101	119
820-20582-8	CFS-8 (2,5'-3.0')	98	119
820-20582-9	CFS-9 (2,5'-3.0')	112	122
820-20582-10	CFS-10 (2,5'-3.0')	105	125
820-20582-11	CFS-11 (2,5'-3.0')	100	122
820-20582-12	CFS-12 (2,5'-3.0')	97	117
820-20582-13	CFS-13 (2,5'-3.0')	101	122
820-20582-14	CFS-14 (1.0'-1.5')	106	123
820-20582-15	CWS-1 (0.0'-1.5')	104	115
820-20582-16	CWS-2 (0.0'-3.0')	99	120
820-20582-17	CWS-3 (0.0'-3.0')	97	120
820-20582-18	CWS-4 (0.0'-1.5')	104	123
LCS 880-117670/1-A	Lab Control Sample	95	99
LCSD 880-117670/2-A	Lab Control Sample Dup	98	105
MB 880-117670/5-A	Method Blank	84	129
MB 880-117793/5-A	Method Blank	81	127

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)
820-20582-1	CFS-1 (1.0'-1.5')	101	84
820-20582-2	CFS-2 (1.0'-1.5')	102	87
820-20582-3	CFS-3 (1.0'-1.5')	97	84
820-20582-4	CFS-4 (1.0'-1.5')	98	87
820-20582-5	CFS-5 (1.0'-1.5')	101	83
820-20582-6	CFS-6 (1.0'-1.5')	98	86
820-20582-7	CFS-7 (1.0'-1.5')	97	84
820-20582-8	CFS-8 (2,5'-3.0')	93	86
820-20582-9	CFS-9 (2,5'-3.0')	89	88
820-20582-10	CFS-10 (2,5'-3.0')	99	83
820-20582-11	CFS-11 (2,5'-3.0')	99	86
820-20582-12	CFS-12 (2,5'-3.0')	96	86
820-20582-13	CFS-13 (2,5'-3.0')	97	86
820-20582-14	CFS-14 (1.0'-1.5')	98	89
820-20582-15	CWS-1 (0.0'-1.5')	97	88

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
820-20582-16	CWS-2 (0.0'-3.0')	96	89								
820-20582-17	CWS-3 (0.0'-3.0')	101	89								
820-20582-18	CWS-4 (0.0'-1.5')	92	80								
820-20582-18 MS	CWS-4 (0.0'-1.5')	87	84								
820-20582-18 MSD	CWS-4 (0.0'-1.5')	85	85								
880-61875-A-2-F MS	Matrix Spike	96	98								
880-61875-A-2-G MSD	Matrix Spike Duplicate	95	99								
LCS 880-117551/2-A	Lab Control Sample	99	102								
LCS 880-117591/2-A	Lab Control Sample	101	104								
LCSD 880-117551/3-A	Lab Control Sample Dup	120	102								
LCSD 880-117591/3-A	Lab Control Sample Dup	99	103								
MB 880-117551/1-A	Method Blank	95	94								
MB 880-117591/1-A	Method Blank	101	97								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-117670/5-A
Matrix: Solid
Analysis Batch: 117762

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117670

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:04	08/28/25 23:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:04	08/28/25 23:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:04	08/28/25 23:07	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/27/25 09:04	08/28/25 23:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:04	08/28/25 23:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/27/25 09:04	08/28/25 23:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*08/27/25 09:04*	*08/28/25 23:07*	*1*
1,4-Difluorobenzene (Surr)	*129*		*70 - 130*	*08/27/25 09:04*	*08/28/25 23:07*	*1*

Lab Sample ID: LCS 880-117670/1-A
Matrix: Solid
Analysis Batch: 117762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09366		mg/Kg		94	70 - 130
Toluene	0.100	0.09314		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09268		mg/Kg		93	70 - 130
m,p-Xylenes	0.200	0.1848		mg/Kg		92	70 - 130
o-Xylene	0.100	0.08807		mg/Kg		88	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-117670/2-A
Matrix: Solid
Analysis Batch: 117762

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117670

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09569		mg/Kg		96	70 - 130	2	35
Toluene	0.100	0.09517		mg/Kg		95	70 - 130	2	35
Ethylbenzene	0.100	0.09605		mg/Kg		96	70 - 130	4	35
m,p-Xylenes	0.200	0.1921		mg/Kg		96	70 - 130	4	35
o-Xylene	0.100	0.09170		mg/Kg		92	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 820-20582-1 MS
Matrix: Solid
Analysis Batch: 117762

Client Sample ID: CFS-1 (1.0'-1.5')
Prep Type: Total/NA
Prep Batch: 117670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.07158		mg/Kg		72	70 - 130
Toluene	<0.00200	U F1	0.100	0.06373	F1	mg/Kg		64	70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

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

Lab Sample ID: 820-20582-1 MS
Matrix: Solid
Analysis Batch: 117762

Client Sample ID: CFS-1 (1.0'-1.5')
Prep Type: Total/NA
Prep Batch: 117670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.05675	F1	mg/Kg		57	70 - 130
m,p-Xylenes	<0.00400	U F1	0.200	0.1105	F1	mg/Kg		55	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.05008	F1	mg/Kg		50	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 820-20582-1 MSD
Matrix: Solid
Analysis Batch: 117762

Client Sample ID: CFS-1 (1.0'-1.5')
Prep Type: Total/NA
Prep Batch: 117670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.06359	F1	mg/Kg		64	70 - 130	12	35
Toluene	<0.00200	U F1	0.100	0.05806	F1	mg/Kg		58	70 - 130	9	35
Ethylbenzene	<0.00200	U F1	0.100	0.05257	F1	mg/Kg		53	70 - 130	8	35
m,p-Xylenes	<0.00400	U F1	0.200	0.1052	F1	mg/Kg		53	70 - 130	5	35
o-Xylene	<0.00200	U F1	0.100	0.04762	F1	mg/Kg		48	70 - 130	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 880-117793/5-A
Matrix: Solid
Analysis Batch: 117762

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117793

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/25 10:03	08/28/25 12:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/25 10:03	08/28/25 12:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/25 10:03	08/28/25 12:07	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/28/25 10:03	08/28/25 12:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/25 10:03	08/28/25 12:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/28/25 10:03	08/28/25 12:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*08/28/25 10:03*	*08/28/25 12:07*	*1*
1,4-Difluorobenzene (Surr)	*127*		*70 - 130*	*08/28/25 10:03*	*08/28/25 12:07*	*1*

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

Lab Sample ID: MB 880-117551/1-A
Matrix: Solid
Analysis Batch: 117683

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117551

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		08/26/25 09:27	08/27/25 07:50	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

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

Lab Sample ID: MB 880-117551/1-A
Matrix: Solid
Analysis Batch: 117683

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/25 09:27	08/27/25 07:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/25 09:27	08/27/25 07:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*08/26/25 09:27*	*08/27/25 07:50*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*08/26/25 09:27*	*08/27/25 07:50*	*1*

Lab Sample ID: LCS 880-117551/2-A
Matrix: Solid
Analysis Batch: 117683

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	947.9		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	909.7		mg/Kg		91	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*99*		*70 - 130*
o-Terphenyl (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-117551/3-A
Matrix: Solid
Analysis Batch: 117683

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117551

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	958.9		mg/Kg		96	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	867.9		mg/Kg		87	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*120*		*70 - 130*
o-Terphenyl (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-61875-A-2-F MS
Matrix: Solid
Analysis Batch: 117683

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 117551

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	805.6		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	746.9		mg/Kg		73	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*96*		*70 - 130*
o-Terphenyl (Surr)	*98*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

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

Lab Sample ID: 880-61875-A-2-G MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117683 — **Prep Batch: 117551**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	851.1		mg/Kg		85	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	774.2		mg/Kg		76	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*95*		*70 - 130*
o-Terphenyl (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-117591/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117855 — **Prep Batch: 117591**

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		08/26/25 11:56	08/28/25 09:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/25 11:56	08/28/25 09:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/25 11:56	08/28/25 09:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*08/26/25 11:56*	*08/28/25 09:56*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*08/26/25 11:56*	*08/28/25 09:56*	*1*

Lab Sample ID: LCS 880-117591/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117855 — **Prep Batch: 117591**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	981.0		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	928.3		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*101*		*70 - 130*
o-Terphenyl (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-117591/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117855 — **Prep Batch: 117591**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	979.9		mg/Kg		98	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	922.4		mg/Kg		92	70 - 130	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

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

Lab Sample ID: LCSD 880-117591/3-A
Matrix: Solid
Analysis Batch: 117855

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117591

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Lab Sample ID: 820-20582-18 MS
Matrix: Solid
Analysis Batch: 117855

Client Sample ID: CWS-4 (0.0'-1.5')
Prep Type: Total/NA
Prep Batch: 117591

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	771.9		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	708.4	F1	mg/Kg		69	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	87		70 - 130
o-Terphenyl (Surr)	84		70 - 130

Lab Sample ID: 820-20582-18 MSD
Matrix: Solid
Analysis Batch: 117855

Client Sample ID: CWS-4 (0.0'-1.5')
Prep Type: Total/NA
Prep Batch: 117591

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	759.5		mg/Kg		76	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	728.8		mg/Kg		71	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	85		70 - 130
o-Terphenyl (Surr)	85		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-117587/1-A
Matrix: Solid
Analysis Batch: 117618

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			08/26/25 16:01	1

Lab Sample ID: LCS 880-117587/2-A
Matrix: Solid
Analysis Batch: 117618

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.5		mg/Kg		93	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-117587/3-A
Matrix: Solid
Analysis Batch: 117618

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	228.4		mg/Kg		91	90 - 110	1	20

Lab Sample ID: 820-20582-1 MS
Matrix: Solid
Analysis Batch: 117618

Client Sample ID: CFS-1 (1.0'-1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250		248	492.1		mg/Kg		98	90 - 110		

Lab Sample ID: 820-20582-1 MSD
Matrix: Solid
Analysis Batch: 117618

Client Sample ID: CFS-1 (1.0'-1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250		248	495.0		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 820-20582-11 MS
Matrix: Solid
Analysis Batch: 117618

Client Sample ID: CFS-11 (2,5'-3.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	561		253	816.6		mg/Kg		101	90 - 110		

Lab Sample ID: 820-20582-11 MSD
Matrix: Solid
Analysis Batch: 117618

Client Sample ID: CFS-11 (2,5'-3.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	561		253	810.5		mg/Kg		99	90 - 110	1	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

GC VOA

Prep Batch: 117670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-20582-1	CFS-1 (1.0'-1.5')	Total/NA	Solid	5035	
820-20582-2	CFS-2 (1.0'-1.5')	Total/NA	Solid	5035	
820-20582-3	CFS-3 (1.0'-1.5')	Total/NA	Solid	5035	
820-20582-4	CFS-4 (1.0'-1.5')	Total/NA	Solid	5035	
820-20582-5	CFS-5 (1.0'-1.5')	Total/NA	Solid	5035	
820-20582-6	CFS-6 (1.0'-1.5')	Total/NA	Solid	5035	
820-20582-7	CFS-7 (1.0'-1.5')	Total/NA	Solid	5035	
820-20582-8	CFS-8 (2,5'-3.0')	Total/NA	Solid	5035	
820-20582-9	CFS-9 (2,5'-3.0')	Total/NA	Solid	5035	
820-20582-10	CFS-10 (2,5'-3.0')	Total/NA	Solid	5035	
820-20582-11	CFS-11 (2,5'-3.0')	Total/NA	Solid	5035	
820-20582-12	CFS-12 (2,5'-3.0')	Total/NA	Solid	5035	
820-20582-13	CFS-13 (2,5'-3.0')	Total/NA	Solid	5035	
820-20582-14	CFS-14 (1.0'-1.5')	Total/NA	Solid	5035	
820-20582-15	CWS-1 (0.0'-1.5')	Total/NA	Solid	5035	
820-20582-16	CWS-2 (0.0'-3.0')	Total/NA	Solid	5035	
820-20582-17	CWS-3 (0.0'-3.0')	Total/NA	Solid	5035	
820-20582-18	CWS-4 (0.0'-1.5')	Total/NA	Solid	5035	
MB 880-117670/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-117670/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-117670/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
820-20582-1 MS	CFS-1 (1.0'-1.5')	Total/NA	Solid	5035	
820-20582-1 MSD	CFS-1 (1.0'-1.5')	Total/NA	Solid	5035	

Analysis Batch: 117762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-20582-1	CFS-1 (1.0'-1.5')	Total/NA	Solid	8021B	117670
820-20582-2	CFS-2 (1.0'-1.5')	Total/NA	Solid	8021B	117670
820-20582-3	CFS-3 (1.0'-1.5')	Total/NA	Solid	8021B	117670
820-20582-4	CFS-4 (1.0'-1.5')	Total/NA	Solid	8021B	117670
820-20582-5	CFS-5 (1.0'-1.5')	Total/NA	Solid	8021B	117670
820-20582-6	CFS-6 (1.0'-1.5')	Total/NA	Solid	8021B	117670
820-20582-7	CFS-7 (1.0'-1.5')	Total/NA	Solid	8021B	117670
820-20582-8	CFS-8 (2,5'-3.0')	Total/NA	Solid	8021B	117670
820-20582-9	CFS-9 (2,5'-3.0')	Total/NA	Solid	8021B	117670
820-20582-10	CFS-10 (2,5'-3.0')	Total/NA	Solid	8021B	117670
820-20582-11	CFS-11 (2,5'-3.0')	Total/NA	Solid	8021B	117670
820-20582-12	CFS-12 (2,5'-3.0')	Total/NA	Solid	8021B	117670
820-20582-13	CFS-13 (2,5'-3.0')	Total/NA	Solid	8021B	117670
820-20582-14	CFS-14 (1.0'-1.5')	Total/NA	Solid	8021B	117670
820-20582-15	CWS-1 (0.0'-1.5')	Total/NA	Solid	8021B	117670
820-20582-16	CWS-2 (0.0'-3.0')	Total/NA	Solid	8021B	117670
820-20582-17	CWS-3 (0.0'-3.0')	Total/NA	Solid	8021B	117670
820-20582-18	CWS-4 (0.0'-1.5')	Total/NA	Solid	8021B	117670
MB 880-117670/5-A	Method Blank	Total/NA	Solid	8021B	117670
MB 880-117793/5-A	Method Blank	Total/NA	Solid	8021B	117793
LCS 880-117670/1-A	Lab Control Sample	Total/NA	Solid	8021B	117670
LCSD 880-117670/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	117670
820-20582-1 MS	CFS-1 (1.0'-1.5')	Total/NA	Solid	8021B	117670
820-20582-1 MSD	CFS-1 (1.0'-1.5')	Total/NA	Solid	8021B	117670

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

GC VOA

Prep Batch: 117793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-117793/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 117932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-20582-1	CFS-1 (1.0'-1.5')	Total/NA	Solid	Total BTEX	
820-20582-2	CFS-2 (1.0'-1.5')	Total/NA	Solid	Total BTEX	
820-20582-3	CFS-3 (1.0'-1.5')	Total/NA	Solid	Total BTEX	
820-20582-4	CFS-4 (1.0'-1.5')	Total/NA	Solid	Total BTEX	
820-20582-5	CFS-5 (1.0'-1.5')	Total/NA	Solid	Total BTEX	
820-20582-6	CFS-6 (1.0'-1.5')	Total/NA	Solid	Total BTEX	
820-20582-7	CFS-7 (1.0'-1.5')	Total/NA	Solid	Total BTEX	
820-20582-8	CFS-8 (2,5'-3.0')	Total/NA	Solid	Total BTEX	
820-20582-9	CFS-9 (2,5'-3.0')	Total/NA	Solid	Total BTEX	
820-20582-10	CFS-10 (2,5'-3.0')	Total/NA	Solid	Total BTEX	
820-20582-11	CFS-11 (2,5'-3.0')	Total/NA	Solid	Total BTEX	
820-20582-12	CFS-12 (2,5'-3.0')	Total/NA	Solid	Total BTEX	
820-20582-13	CFS-13 (2,5'-3.0')	Total/NA	Solid	Total BTEX	
820-20582-14	CFS-14 (1.0'-1.5')	Total/NA	Solid	Total BTEX	
820-20582-15	CWS-1 (0.0'-1.5')	Total/NA	Solid	Total BTEX	
820-20582-16	CWS-2 (0.0'-3.0')	Total/NA	Solid	Total BTEX	
820-20582-17	CWS-3 (0.0'-3.0')	Total/NA	Solid	Total BTEX	
820-20582-18	CWS-4 (0.0'-1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 117551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-20582-1	CFS-1 (1.0'-1.5')	Total/NA	Solid	8015NM Prep	
820-20582-2	CFS-2 (1.0'-1.5')	Total/NA	Solid	8015NM Prep	
820-20582-3	CFS-3 (1.0'-1.5')	Total/NA	Solid	8015NM Prep	
820-20582-4	CFS-4 (1.0'-1.5')	Total/NA	Solid	8015NM Prep	
820-20582-5	CFS-5 (1.0'-1.5')	Total/NA	Solid	8015NM Prep	
820-20582-6	CFS-6 (1.0'-1.5')	Total/NA	Solid	8015NM Prep	
820-20582-7	CFS-7 (1.0'-1.5')	Total/NA	Solid	8015NM Prep	
820-20582-8	CFS-8 (2,5'-3.0')	Total/NA	Solid	8015NM Prep	
820-20582-9	CFS-9 (2,5'-3.0')	Total/NA	Solid	8015NM Prep	
820-20582-10	CFS-10 (2,5'-3.0')	Total/NA	Solid	8015NM Prep	
820-20582-11	CFS-11 (2,5'-3.0')	Total/NA	Solid	8015NM Prep	
820-20582-12	CFS-12 (2,5'-3.0')	Total/NA	Solid	8015NM Prep	
820-20582-13	CFS-13 (2,5'-3.0')	Total/NA	Solid	8015NM Prep	
820-20582-14	CFS-14 (1.0'-1.5')	Total/NA	Solid	8015NM Prep	
820-20582-15	CWS-1 (0.0'-1.5')	Total/NA	Solid	8015NM Prep	
820-20582-16	CWS-2 (0.0'-3.0')	Total/NA	Solid	8015NM Prep	
820-20582-17	CWS-3 (0.0'-3.0')	Total/NA	Solid	8015NM Prep	
MB 880-117551/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117551/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117551/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61875-A-2-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-61875-A-2-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

GC Semi VOA

Prep Batch: 117591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-20582-18	CWS-4 (0.0'-1.5')	Total/NA	Solid	8015NM Prep	
MB 880-117591/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117591/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117591/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
820-20582-18 MS	CWS-4 (0.0'-1.5')	Total/NA	Solid	8015NM Prep	
820-20582-18 MSD	CWS-4 (0.0'-1.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-20582-1	CFS-1 (1.0'-1.5')	Total/NA	Solid	8015B NM	117551
820-20582-2	CFS-2 (1.0'-1.5')	Total/NA	Solid	8015B NM	117551
820-20582-3	CFS-3 (1.0'-1.5')	Total/NA	Solid	8015B NM	117551
820-20582-4	CFS-4 (1.0'-1.5')	Total/NA	Solid	8015B NM	117551
820-20582-5	CFS-5 (1.0'-1.5')	Total/NA	Solid	8015B NM	117551
820-20582-6	CFS-6 (1.0'-1.5')	Total/NA	Solid	8015B NM	117551
820-20582-7	CFS-7 (1.0'-1.5')	Total/NA	Solid	8015B NM	117551
820-20582-8	CFS-8 (2,5'-3.0')	Total/NA	Solid	8015B NM	117551
820-20582-9	CFS-9 (2,5'-3.0')	Total/NA	Solid	8015B NM	117551
820-20582-10	CFS-10 (2,5'-3.0')	Total/NA	Solid	8015B NM	117551
820-20582-11	CFS-11 (2,5'-3.0')	Total/NA	Solid	8015B NM	117551
820-20582-12	CFS-12 (2,5'-3.0')	Total/NA	Solid	8015B NM	117551
820-20582-13	CFS-13 (2,5'-3.0')	Total/NA	Solid	8015B NM	117551
820-20582-14	CFS-14 (1.0'-1.5')	Total/NA	Solid	8015B NM	117551
820-20582-15	CWS-1 (0.0'-1.5')	Total/NA	Solid	8015B NM	117551
820-20582-16	CWS-2 (0.0'-3.0')	Total/NA	Solid	8015B NM	117551
820-20582-17	CWS-3 (0.0'-3.0')	Total/NA	Solid	8015B NM	117551
MB 880-117551/1-A	Method Blank	Total/NA	Solid	8015B NM	117551
LCS 880-117551/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117551
LCSD 880-117551/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117551
880-61875-A-2-F MS	Matrix Spike	Total/NA	Solid	8015B NM	117551
880-61875-A-2-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	117551

Analysis Batch: 117825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-20582-1	CFS-1 (1.0'-1.5')	Total/NA	Solid	8015 NM	
820-20582-2	CFS-2 (1.0'-1.5')	Total/NA	Solid	8015 NM	
820-20582-3	CFS-3 (1.0'-1.5')	Total/NA	Solid	8015 NM	
820-20582-4	CFS-4 (1.0'-1.5')	Total/NA	Solid	8015 NM	
820-20582-5	CFS-5 (1.0'-1.5')	Total/NA	Solid	8015 NM	
820-20582-6	CFS-6 (1.0'-1.5')	Total/NA	Solid	8015 NM	
820-20582-7	CFS-7 (1.0'-1.5')	Total/NA	Solid	8015 NM	
820-20582-8	CFS-8 (2,5'-3.0')	Total/NA	Solid	8015 NM	
820-20582-9	CFS-9 (2,5'-3.0')	Total/NA	Solid	8015 NM	
820-20582-10	CFS-10 (2,5'-3.0')	Total/NA	Solid	8015 NM	
820-20582-11	CFS-11 (2,5'-3.0')	Total/NA	Solid	8015 NM	
820-20582-12	CFS-12 (2,5'-3.0')	Total/NA	Solid	8015 NM	
820-20582-13	CFS-13 (2,5'-3.0')	Total/NA	Solid	8015 NM	
820-20582-14	CFS-14 (1.0'-1.5')	Total/NA	Solid	8015 NM	
820-20582-15	CWS-1 (0.0'-1.5')	Total/NA	Solid	8015 NM	
820-20582-16	CWS-2 (0.0'-3.0')	Total/NA	Solid	8015 NM	
820-20582-17	CWS-3 (0.0'-3.0')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

GC Semi VOA (Continued)

Analysis Batch: 117825 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-20582-18	CWS-4 (0.0'-1.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 117855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-20582-18	CWS-4 (0.0'-1.5')	Total/NA	Solid	8015B NM	117591
MB 880-117591/1-A	Method Blank	Total/NA	Solid	8015B NM	117591
LCS 880-117591/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117591
LCSD 880-117591/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117591
820-20582-18 MS	CWS-4 (0.0'-1.5')	Total/NA	Solid	8015B NM	117591
820-20582-18 MSD	CWS-4 (0.0'-1.5')	Total/NA	Solid	8015B NM	117591

HPLC/IC

Leach Batch: 117587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-20582-1	CFS-1 (1.0'-1.5')	Soluble	Solid	DI Leach	
820-20582-2	CFS-2 (1.0'-1.5')	Soluble	Solid	DI Leach	
820-20582-3	CFS-3 (1.0'-1.5')	Soluble	Solid	DI Leach	
820-20582-4	CFS-4 (1.0'-1.5')	Soluble	Solid	DI Leach	
820-20582-5	CFS-5 (1.0'-1.5')	Soluble	Solid	DI Leach	
820-20582-6	CFS-6 (1.0'-1.5')	Soluble	Solid	DI Leach	
820-20582-7	CFS-7 (1.0'-1.5')	Soluble	Solid	DI Leach	
820-20582-8	CFS-8 (2,5'-3.0')	Soluble	Solid	DI Leach	
820-20582-9	CFS-9 (2,5'-3.0')	Soluble	Solid	DI Leach	
820-20582-10	CFS-10 (2,5'-3.0')	Soluble	Solid	DI Leach	
820-20582-11	CFS-11 (2,5'-3.0')	Soluble	Solid	DI Leach	
820-20582-12	CFS-12 (2,5'-3.0')	Soluble	Solid	DI Leach	
820-20582-13	CFS-13 (2,5'-3.0')	Soluble	Solid	DI Leach	
820-20582-14	CFS-14 (1.0'-1.5')	Soluble	Solid	DI Leach	
820-20582-15	CWS-1 (0.0'-1.5')	Soluble	Solid	DI Leach	
820-20582-16	CWS-2 (0.0'-3.0')	Soluble	Solid	DI Leach	
820-20582-17	CWS-3 (0.0'-3.0')	Soluble	Solid	DI Leach	
820-20582-18	CWS-4 (0.0'-1.5')	Soluble	Solid	DI Leach	
MB 880-117587/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117587/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117587/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-20582-1 MS	CFS-1 (1.0'-1.5')	Soluble	Solid	DI Leach	
820-20582-1 MSD	CFS-1 (1.0'-1.5')	Soluble	Solid	DI Leach	
820-20582-11 MS	CFS-11 (2,5'-3.0')	Soluble	Solid	DI Leach	
820-20582-11 MSD	CFS-11 (2,5'-3.0')	Soluble	Solid	DI Leach	

Analysis Batch: 117618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-20582-1	CFS-1 (1.0'-1.5')	Soluble	Solid	300.0	117587
820-20582-2	CFS-2 (1.0'-1.5')	Soluble	Solid	300.0	117587
820-20582-3	CFS-3 (1.0'-1.5')	Soluble	Solid	300.0	117587
820-20582-4	CFS-4 (1.0'-1.5')	Soluble	Solid	300.0	117587
820-20582-5	CFS-5 (1.0'-1.5')	Soluble	Solid	300.0	117587
820-20582-6	CFS-6 (1.0'-1.5')	Soluble	Solid	300.0	117587
820-20582-7	CFS-7 (1.0'-1.5')	Soluble	Solid	300.0	117587
820-20582-8	CFS-8 (2,5'-3.0')	Soluble	Solid	300.0	117587

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

HPLC/IC (Continued)

Analysis Batch: 117618 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-20582-9	CFS-9 (2,5'-3.0')	Soluble	Solid	300.0	117587
820-20582-10	CFS-10 (2,5'-3.0')	Soluble	Solid	300.0	117587
820-20582-11	CFS-11 (2,5'-3.0')	Soluble	Solid	300.0	117587
820-20582-12	CFS-12 (2,5'-3.0')	Soluble	Solid	300.0	117587
820-20582-13	CFS-13 (2,5'-3.0')	Soluble	Solid	300.0	117587
820-20582-14	CFS-14 (1.0'-1.5')	Soluble	Solid	300.0	117587
820-20582-15	CWS-1 (0.0'-1.5')	Soluble	Solid	300.0	117587
820-20582-16	CWS-2 (0.0'-3.0')	Soluble	Solid	300.0	117587
820-20582-17	CWS-3 (0.0'-3.0')	Soluble	Solid	300.0	117587
820-20582-18	CWS-4 (0.0'-1.5')	Soluble	Solid	300.0	117587
MB 880-117587/1-A	Method Blank	Soluble	Solid	300.0	117587
LCS 880-117587/2-A	Lab Control Sample	Soluble	Solid	300.0	117587
LCSD 880-117587/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117587
820-20582-1 MS	CFS-1 (1.0'-1.5')	Soluble	Solid	300.0	117587
820-20582-1 MSD	CFS-1 (1.0'-1.5')	Soluble	Solid	300.0	117587
820-20582-11 MS	CFS-11 (2,5'-3.0')	Soluble	Solid	300.0	117587
820-20582-11 MSD	CFS-11 (2,5'-3.0')	Soluble	Solid	300.0	117587

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-1 (1.0'-1.5')

Lab Sample ID: 820-20582-1

Date Collected: 08/20/25 13:25
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/28/25 23:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/28/25 23:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 11:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 11:14	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/26/25 16:18	CS	EET MID

Client Sample ID: CFS-2 (1.0'-1.5')

Lab Sample ID: 820-20582-2

Date Collected: 08/20/25 13:30
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/28/25 23:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/28/25 23:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 11:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 11:29	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 00:26	CS	EET MID

Client Sample ID: CFS-3 (1.0'-1.5')

Lab Sample ID: 820-20582-3

Date Collected: 08/20/25 13:35
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 00:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 11:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 11:44	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 00:32	CS	EET MID

Client Sample ID: CFS-4 (1.0'-1.5')

Lab Sample ID: 820-20582-4

Date Collected: 08/20/25 13:40
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 00:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 00:30	SA	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-4 (1.0'-1.5')

Lab Sample ID: 820-20582-4

Date Collected: 08/20/25 13:40
Matrix: Solid
Date Received: 08/25/25 16:43

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			117825	08/27/25 12:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 12:00	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 00:38	CS	EET MID

Client Sample ID: CFS-5 (1.0'-1.5')

Lab Sample ID: 820-20582-5

Date Collected: 08/20/25 13:45
Matrix: Solid
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 00:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 00:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 12:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 12:15	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 00:43	CS	EET MID

Client Sample ID: CFS-6 (1.0'-1.5')

Lab Sample ID: 820-20582-6

Date Collected: 08/20/25 13:50
Matrix: Solid
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 01:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 01:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 12:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 12:31	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 01:00	CS	EET MID

Client Sample ID: CFS-7 (1.0'-1.5')

Lab Sample ID: 820-20582-7

Date Collected: 08/20/25 13:55
Matrix: Solid
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 01:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 01:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 12:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 12:46	TKC	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-7 (1.0'-1.5')
Date Collected: 08/20/25 13:55
Date Received: 08/25/25 16:43

Lab Sample ID: 820-20582-7
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	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 01:06	CS	EET MID

Client Sample ID: CFS-8 (2,5'-3.0')
Date Collected: 08/20/25 14:00
Date Received: 08/25/25 16:43

Lab Sample ID: 820-20582-8
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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 01:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 01:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 13:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 13:42	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 01:12	CS	EET MID

Client Sample ID: CFS-9 (2,5'-3.0')
Date Collected: 08/20/25 14:05
Date Received: 08/25/25 16:43

Lab Sample ID: 820-20582-9
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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 02:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 02:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 13:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 13:58	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 01:17	CS	EET MID

Client Sample ID: CFS-10 (2,5'-3.0')
Date Collected: 08/20/25 14:10
Date Received: 08/25/25 16:43

Lab Sample ID: 820-20582-10
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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 02:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 02:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 14:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 14:13	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 01:23	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-11 (2,5'-3.0')

Lab Sample ID: 820-20582-11

Date Collected: 08/20/25 14:15
Matrix: Solid
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 04:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 04:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 14:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 14:29	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 01:29	CS	EET MID

Client Sample ID: CFS-12 (2,5'-3.0')

Lab Sample ID: 820-20582-12

Date Collected: 08/20/25 14:20
Matrix: Solid
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 04:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 04:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 14:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 14:44	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 01:46	CS	EET MID

Client Sample ID: CFS-13 (2,5'-3.0')

Lab Sample ID: 820-20582-13

Date Collected: 08/20/25 14:25
Matrix: Solid
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 04:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 04:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 15:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 15:00	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 01:51	CS	EET MID

Client Sample ID: CFS-14 (1.0'-1.5')

Lab Sample ID: 820-20582-14

Date Collected: 08/20/25 14:30
Matrix: Solid
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 05:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 05:09	SA	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CFS-14 (1.0'-1.5')

Lab Sample ID: 820-20582-14

Date Collected: 08/20/25 14:30
Date Received: 08/25/25 16:43

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			117825	08/27/25 15:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 15:15	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 02:08	CS	EET MID

Client Sample ID: CWS-1 (0.0'-1.5')

Lab Sample ID: 820-20582-15

Date Collected: 08/20/25 14:35
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 05:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 05:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 16:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 16:48	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 02:14	CS	EET MID

Client Sample ID: CWS-2 (0.0'-3.0')

Lab Sample ID: 820-20582-16

Date Collected: 08/20/25 14:40
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 05:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 05:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 17:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 17:03	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 02:20	CS	EET MID

Client Sample ID: CWS-3 (0.0'-3.0')

Lab Sample ID: 820-20582-17

Date Collected: 08/20/25 14:45
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 06:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 06:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/27/25 17:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117551	08/26/25 09:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 17:18	TKC	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Client Sample ID: CWS-3 (0.0'-3.0')

Lab Sample ID: 820-20582-17

Date Collected: 08/20/25 14:45
Matrix: Solid
Date Received: 08/25/25 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 02:25	CS	EET MID

Client Sample ID: CWS-4 (0.0'-1.5')

Lab Sample ID: 820-20582-18

Date Collected: 08/20/25 14:50
Matrix: Solid
Date Received: 08/25/25 16:43

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	117670	08/27/25 09:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117762	08/29/25 06:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117932	08/29/25 06:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			117825	08/28/25 12:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117591	08/26/25 11:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117855	08/28/25 12:45	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	117587	08/26/25 11:32	SA	EET MID
Soluble	Analysis	300.0		1			117618	08/27/25 02:31	CS	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: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

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: WDDU #88

Job ID: 820-20582-1
SDG: AR257100

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
820-20582-1	CFS-1 (1.0'-1.5')	Solid	08/20/25 13:25	08/25/25 16:43	1.0 - 1.5
820-20582-2	CFS-2 (1.0'-1.5')	Solid	08/20/25 13:30	08/25/25 16:43	1.0 - 1.5
820-20582-3	CFS-3 (1.0'-1.5')	Solid	08/20/25 13:35	08/25/25 16:43	1.0 - 1.5
820-20582-4	CFS-4 (1.0'-1.5')	Solid	08/20/25 13:40	08/25/25 16:43	1.0 - 1.5
820-20582-5	CFS-5 (1.0'-1.5')	Solid	08/20/25 13:45	08/25/25 16:43	1.0 - 1.5
820-20582-6	CFS-6 (1.0'-1.5')	Solid	08/20/25 13:50	08/25/25 16:43	1.0 - 1.5
820-20582-7	CFS-7 (1.0'-1.5')	Solid	08/20/25 13:55	08/25/25 16:43	1.0 - 1.5
820-20582-8	CFS-8 (2,5'-3.0')	Solid	08/20/25 14:00	08/25/25 16:43	2.5 - 3.0
820-20582-9	CFS-9 (2,5'-3.0')	Solid	08/20/25 14:05	08/25/25 16:43	2.5 - 3.0
820-20582-10	CFS-10 (2,5'-3.0')	Solid	08/20/25 14:10	08/25/25 16:43	2.5 - 3.0
820-20582-11	CFS-11 (2,5'-3.0')	Solid	08/20/25 14:15	08/25/25 16:43	2.5 - 3.0
820-20582-12	CFS-12 (2,5'-3.0')	Solid	08/20/25 14:20	08/25/25 16:43	2.5 - 3.0
820-20582-13	CFS-13 (2,5'-3.0')	Solid	08/20/25 14:25	08/25/25 16:43	2.5 - 3.0
820-20582-14	CFS-14 (1.0'-1.5')	Solid	08/20/25 14:30	08/25/25 16:43	1.0 - 1.5
820-20582-15	CWS-1 (0.0'-1.5')	Solid	08/20/25 14:35	08/25/25 16:43	0.0 - 1.5
820-20582-16	CWS-2 (0.0'-3.0')	Solid	08/20/25 14:40	08/25/25 16:43	0.0 - 3.0
820-20582-17	CWS-3 (0.0'-3.0')	Solid	08/20/25 14:45	08/25/25 16:43	0.0 - 3.0
820-20582-18	CWS-4 (0.0'-1.5')	Solid	08/20/25 14:50	08/25/25 16:43	0.0 - 1.5

Released to Imaging: 4/15/2026 2:07:11 PM
Received by OCD: 2/10/2026 10:10:39 AM

Loc: 820
20582

CHAIN OF CUSTODY RECORD

20582

terracon

Laboratory: Eurofins
Address: 6701 Aberdeen
Lubbock, Texas 79424
Phone: (806) 794-1296
Contact: Holly Taylor

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C) -6.4/-6.1

Office Location: Lubbock, Texas
Project Manager: Chuck Smith
Sampler's Name: Daniel Pavelka
Sampler's Signature:

Project Number: AR257100
Project Name: WDDU #88

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth (FT)	End Depth (FT)	No. Type of Containers: 4 oz Glass	Chloride (EPA Method 300)	BTEX (EPA Method 8021B)	TPH 8015 extended	Lab Sample ID
S	8/20/2025	13:25	X		CFS-1 (1.0'-1.5')	1.0	1.5	1	X	X	X	
S	8/20/2025	13:30	X		CFS-2 (1.0'-1.5')	1.0	1.5	1	X	X	X	
S	8/20/2025	13:35	X		CFS-3 (1.0'-1.5')	1.0	1.5	1	X	X	X	
S	8/20/2025	13:40	X		CFS-4 (1.0'-1.5')	1.0	1.5	1	X	X	X	
S	8/20/2025	13:45	X		CFS-5 (1.0'-1.5')	1.0	1.5	1	X	X	X	
S	8/20/2025	13:50	X		CFS-6 (1.0'-1.5')	1.0	1.5	1	X	X	X	
S	8/20/2025	13:55	X		CFS-7 (1.0'-1.5')	1.0	1.5	1	X	X	X	
S	8/20/2025	14:00	X		CFS-8 (2.5'-3.0')	2.5	3.0	1	X	X	X	
S	8/20/2025	14:05	X		CFS-9 (2.5'-3.0')	2.5	3.0	1	X	X	X	
S	8/20/2025	14:10	X		CFS-10 (2.5'-3.0')	2.5	3.0	1	X	X	X	
S	8/20/2025	14:15	X		CFS-11 (2.5'-3.0')	2.5	3.0	1	X	X	X	

820-20582 Chain of Custody

TURNAROUND TIME ☒ Standard ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
	8/21/25	1643		8/21/25	1643

Bill To: Scout Energy Management, LLC. Attn: Spencer Jackson
Address: 13800 Montfort Dr., Dallas, TX 75240. On Invoice
Reference AFE # 19309 and Incident No: NPAC0616632139

e-mail results to:
chuck.smith@terracon.com
joseph.guesnier@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge
Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other Wipe

Released to Imaging: 4/15/2026 2:07:11 PM
Received by OCD: 2/10/2026 10:10:39 AM

CHAIN OF CUSTODY RECORD

Terracon

Office Location	Lubbock, Texas
Project Manager	Chuck Smith

Laboratory: Eurofins
Address: 6701 Aberdeen, Lubbock, Texas 79424
Phone: (806) 794-1296
Contact: Holly Taylor

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C) +1.4/+0.3 6.4-6.1

Sampler's Name: Daniel Pavelka
Sampler's Signature:

Project Number: AR257100
Project Name: WDDU #88

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth (FT)	End Depth (FT)	No. Type of Containers: 4 oz Glass				Chloride (EPA Method 300)	BTEX (EPA Method 8021B)	TPH 8015 extended					Lab Sample ID
S	8/20/2025	14:20	X		CFS-12 (2.5'-3.0')	2.5	3.0	1				X	X	X					
S	8/20/2025	14:25	X		CFS-13 (2.5'-3.0')	2.5	3.0	1				X	X	X					
S	8/20/2025	14:30	X		CFS-14 (1.0'-1.5')	1.0	1.5	1				X	X	X					
S	8/20/2025	14:35	X		CWS-1 (0.0'-1.5')	0.0	1.5	1				X	X	X					
S	8/20/2025	14:40	X		CWS-2 (0.0'-3.0')	0.0	3.0	1				X	X	X					
S	8/20/2025	14:45	X		CWS-3 (0.0'-3.0')	0.0	3.0	1				X	X	X					
S	8/20/2025	14:50	X		CWS-4 (0.0'-1.5')	0.0	1.5	1				X	X	X					

NFE

TURNAROUND TIME ☑ Standard ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
	8/21/25	1643		8/21/25	1643

Bill To: Scout Energy Management, LLC. Attn: Spencer Jackson
Address: 13800 Montfort Dr., Dallas, TX 75240. On Invoice
Reference AFE # 19309 and Incident No: NPAC0616632139

e-mail results to:
chuck.smith@terracon.com
joseph.guesnier@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge
Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other Wipe

Eurofins Lubbock
6701 Aberdeen Ave. Suite 8
Lubbock, TX 79424
Phone: 806-794-1296

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 820-11101.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 820-20582-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 8/29/2025			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: WDDU #88	Project #: 82000340			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc									Total Number of containers	Special Instructions/Note:
Preservation Code:																					
CFS-1 (1.0'-1.5') (820-20582-1)	8/20/25	13:25 Central	C	Solid			X	X	X	X	X									1	
CFS-2 (1.0'-1.5') (820-20582-2)	8/20/25	13:30 Central	C	Solid			X	X	X	X	X									1	
CFS-3 (1.0'-1.5') (820-20582-3)	8/20/25	13:35 Central	C	Solid			X	X	X	X	X									1	
CFS-4 (1.0'-1.5') (820-20582-4)	8/20/25	13:40 Central	C	Solid			X	X	X	X	X									1	
CFS-5 (1.0'-1.5') (820-20582-5)	8/20/25	13:45 Central	C	Solid			X	X	X	X	X									1	
CFS-6 (1.0'-1.5') (820-20582-6)	8/20/25	13:50 Central	C	Solid			X	X	X	X	X									1	
CFS-7 (1.0'-1.5') (820-20582-7)	8/20/25	13:55 Central	C	Solid			X	X	X	X	X									1	
CFS-8 (2,5'-3.0') (820-20582-8)	8/20/25	14:00 Central	C	Solid			X	X	X	X	X									1	
CFS-9 (2,5'-3.0') (820-20582-9)	8/20/25	14:05 Central	C	Solid			X	X	X	X	X									1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by:	Date/Time: 8/25/25 7:00	Company	Received by:	Date/Time: 8/26/25 1103	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.6 | 4.5 - | IR

Ver: 10/10/2024

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Received by OCD: 2/10/2026 10:10:39 AM
8/29/2025
Page 46 of 48
Released to Imaging: 4/15/2026 2:07:11 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-20582-1
SDG Number: AR257100

Login Number: 20582
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: 820-20582-1
SDG Number: AR257100

Login Number: 20582
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 08/26/25 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	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Chuck Smith
Terracon Consulting Eng & Scientists
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JOB DESCRIPTION

WDDU #88
AR257100

JOB NUMBER

880-62574-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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Eurofins Midland

Job Notes

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

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

Authorization



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Revision 1

Authorized for release by
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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.
X	Surrogate recovery exceeds control limits

GC Semi VOA

Qualifier	Qualifier Description
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

HPLC/IC

Qualifier	Qualifier Description
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: WDDU #88

Job ID: 880-62574-1

Job ID: 880-62574-1 Eurofins Midland

Job Narrative
880-62574-1

REVISION

The report being provided is a revision of the original report sent on 9/16/2025. The report (revision 1) is being revised due to Per client email, requesting revised report with sample ID correction.

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

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

Receipt
The samples were received on 9/11/2025 4:04 PM. 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 1.9°C.

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: CFS-3.1 (880-62574-1), CFS-4.1 (880-62574-2), CFS-5.1 (880-62574-3), CFS-6.1 (880-62574-4), CFS-8.1 (880-62574-5), CFS-9.1 (880-62574-6), CFS-12.1 (880-62574-7), CFS-14.1 (880-62574-8), CFS-15 (880-62574-9), CFS-16 (880-62574-10), CWS-1.1 (880-62574-11), CWS-2.1 (880-62574-12), CWS-5 (880-62574-13), CWS-6 (880-62574-14), (CCV 880-118741/33), (LCS 880-118827/1-A), (LCSD 880-118827/2-A), (880-62576-A-21-E), (880-62576-A-21-C MS) and (880-62576-A-21-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-118748 and analytical batch 880-118741 was outside the upper control limits.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-118762/2-A), (LCS 880-118803/2-A) and (LCSD 880-118762/3-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.

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CFS-3.1

Date Collected: 09/09/25 13:05
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

Lab Sample ID: 880-62574-1

Matrix: Solid

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		09/12/25 15:27	09/13/25 00:58	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		09/12/25 15:27	09/13/25 00:58	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		09/12/25 15:27	09/13/25 00:58	1
m,p-Xylenes	<0.00231	U	0.00404	0.00231	mg/Kg		09/12/25 15:27	09/13/25 00:58	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		09/12/25 15:27	09/13/25 00:58	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		09/12/25 15:27	09/13/25 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 00:58*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/12/25 15:27*	*09/13/25 00:58*	*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			09/13/25 00:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**524**		50.0	15.1	mg/Kg			09/13/25 22:15	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		09/12/25 10:30	09/13/25 22:15	1
Diesel Range Organics (Over C10-C28)	**472**		50.0	15.1	mg/Kg		09/12/25 10:30	09/13/25 22:15	1
Oil Range Organics (Over C28-C36)	**51.5**		50.0	15.1	mg/Kg		09/12/25 10:30	09/13/25 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*09/12/25 10:30*	*09/13/25 22:15*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*09/12/25 10:30*	*09/13/25 22:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**751**		10.1	0.398	mg/Kg			09/15/25 14:32	1

Client Sample ID: CFS-4.1

Date Collected: 09/09/25 13:10
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

Lab Sample ID: 880-62574-2

Matrix: Solid

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		09/12/25 15:27	09/13/25 01:18	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		09/12/25 15:27	09/13/25 01:18	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		09/12/25 15:27	09/13/25 01:18	1
m,p-Xylenes	<0.00226	U	0.00396	0.00226	mg/Kg		09/12/25 15:27	09/13/25 01:18	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		09/12/25 15:27	09/13/25 01:18	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg		09/12/25 15:27	09/13/25 01:18	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CFS-4.1

Date Collected: 09/09/25 13:10
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

Lab Sample ID: 880-62574-2

Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 01:18*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*09/12/25 15:27*	*09/13/25 01:18*	*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			09/13/25 01:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**275**		49.8	15.1	mg/Kg			09/13/25 22:31	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		09/12/25 10:30	09/13/25 22:31	1
Diesel Range Organics (Over C10-C28)	**135**		49.8	15.1	mg/Kg		09/12/25 10:30	09/13/25 22:31	1
Oil Range Organics (Over C28-C36)	**140**		49.8	15.1	mg/Kg		09/12/25 10:30	09/13/25 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*09/12/25 10:30*	*09/13/25 22:31*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*09/12/25 10:30*	*09/13/25 22:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**612**		10.1	0.397	mg/Kg			09/15/25 14:37	1

Client Sample ID: CFS-5.1

Date Collected: 09/09/25 13:15
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

Lab Sample ID: 880-62574-3

Matrix: Solid

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		09/12/25 15:27	09/13/25 01:39	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		09/12/25 15:27	09/13/25 01:39	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		09/12/25 15:27	09/13/25 01:39	1
m,p-Xylenes	<0.00227	U	0.00398	0.00227	mg/Kg		09/12/25 15:27	09/13/25 01:39	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		09/12/25 15:27	09/13/25 01:39	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		09/12/25 15:27	09/13/25 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 01:39*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/12/25 15:27*	*09/13/25 01:39*	*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			09/13/25 01:39	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CFS-5.1

Date Collected: 09/09/25 13:15
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

Lab Sample ID: 880-62574-3

Matrix: Solid

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			09/13/25 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.9	14.5	mg/Kg		09/12/25 10:30	09/13/25 22:46	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		09/12/25 10:30	09/13/25 22:46	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		09/12/25 10:30	09/13/25 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*09/12/25 10:30*	*09/13/25 22:46*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*09/12/25 10:30*	*09/13/25 22:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**633**		9.96	0.393	mg/Kg			09/15/25 14:43	1

Client Sample ID: CFS-6.1

Date Collected: 09/09/25 13:20
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

Lab Sample ID: 880-62574-4

Matrix: Solid

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		09/12/25 15:27	09/13/25 01:59	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		09/12/25 15:27	09/13/25 01:59	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg		09/12/25 15:27	09/13/25 01:59	1
m,p-Xylenes	<0.00230	U	0.00402	0.00230	mg/Kg		09/12/25 15:27	09/13/25 01:59	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		09/12/25 15:27	09/13/25 01:59	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		09/12/25 15:27	09/13/25 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 01:59*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*09/12/25 15:27*	*09/13/25 01:59*	*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			09/13/25 01:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			09/13/25 23:01	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		09/12/25 10:30	09/13/25 23:01	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 10:30	09/13/25 23:01	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 10:30	09/13/25 23:01	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CFS-6.1

Lab Sample ID: 880-62574-4
Matrix: Solid
Date Collected: 09/09/25 13:20
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*09/12/25 10:30*	*09/13/25 23:01*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*09/12/25 10:30*	*09/13/25 23:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**865**		10.1	0.398	mg/Kg			09/15/25 14:48	1

Client Sample ID: CFS-8.1

Lab Sample ID: 880-62574-5
Matrix: Solid
Date Collected: 09/09/25 13:25
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

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		09/12/25 15:27	09/13/25 03:33	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		09/12/25 15:27	09/13/25 03:33	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		09/12/25 15:27	09/13/25 03:33	1
m,p-Xylenes	<0.00227	U	0.00398	0.00227	mg/Kg		09/12/25 15:27	09/13/25 03:33	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		09/12/25 15:27	09/13/25 03:33	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		09/12/25 15:27	09/13/25 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*162*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 03:33*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*09/12/25 15:27*	*09/13/25 03:33*	*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			09/13/25 03:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**225**		49.9	15.1	mg/Kg			09/13/25 23:16	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	49.9	14.5	mg/Kg		09/12/25 10:30	09/13/25 23:16	1
Diesel Range Organics (Over C10-C28)	**159**		49.9	15.1	mg/Kg		09/12/25 10:30	09/13/25 23:16	1
Oil Range Organics (Over C28-C36)	**65.5**		49.9	15.1	mg/Kg		09/12/25 10:30	09/13/25 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*09/12/25 10:30*	*09/13/25 23:16*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*09/12/25 10:30*	*09/13/25 23:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**524**		9.92	0.392	mg/Kg			09/15/25 14:54	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CFS-9.1

Date Collected: 09/09/25 13:30
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

Lab Sample ID: 880-62574-6
Matrix: Solid

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		09/12/25 15:27	09/13/25 03:54	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		09/12/25 15:27	09/13/25 03:54	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		09/12/25 15:27	09/13/25 03:54	1
m,p-Xylenes	<0.00228	U	0.00399	0.00228	mg/Kg		09/12/25 15:27	09/13/25 03:54	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		09/12/25 15:27	09/13/25 03:54	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		09/12/25 15:27	09/13/25 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 03:54*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*09/12/25 15:27*	*09/13/25 03:54*	*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			09/13/25 03:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1380**		49.8	15.1	mg/Kg			09/13/25 23:31	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		09/12/25 10:30	09/13/25 23:31	1
Diesel Range Organics (Over C10-C28)	**1160**		49.8	15.1	mg/Kg		09/12/25 10:30	09/13/25 23:31	1
Oil Range Organics (Over C28-C36)	**221**		49.8	15.1	mg/Kg		09/12/25 10:30	09/13/25 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*09/12/25 10:30*	*09/13/25 23:31*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*09/12/25 10:30*	*09/13/25 23:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**780**		9.96	0.393	mg/Kg			09/15/25 15:00	1

Client Sample ID: CFS-12.1

Date Collected: 09/09/25 13:35
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

Lab Sample ID: 880-62574-7
Matrix: Solid

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		09/12/25 15:27	09/13/25 04:14	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		09/12/25 15:27	09/13/25 04:14	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg		09/12/25 15:27	09/13/25 04:14	1
m,p-Xylenes	<0.00230	U	0.00402	0.00230	mg/Kg		09/12/25 15:27	09/13/25 04:14	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		09/12/25 15:27	09/13/25 04:14	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		09/12/25 15:27	09/13/25 04:14	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CFS-12.1

Lab Sample ID: 880-62574-7
Matrix: Solid
Date Collected: 09/09/25 13:35
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*138*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 04:14*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/12/25 15:27*	*09/13/25 04:14*	*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			09/13/25 04:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**135**		50.0	15.1	mg/Kg			09/13/25 23:46	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	50.0	14.5	mg/Kg		09/12/25 10:30	09/13/25 23:46	1
Diesel Range Organics (Over C10-C28)	**96.7**		50.0	15.1	mg/Kg		09/12/25 10:30	09/13/25 23:46	1
Oil Range Organics (Over C28-C36)	**38.6**	**J**	50.0	15.1	mg/Kg		09/12/25 10:30	09/13/25 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*95*		*70 - 130*	*09/12/25 10:30*	*09/13/25 23:46*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*09/12/25 10:30*	*09/13/25 23:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**634**		10.1	0.399	mg/Kg			09/15/25 15:17	1

Client Sample ID: CFS-14.1

Lab Sample ID: 880-62574-8
Matrix: Solid
Date Collected: 09/09/25 13:40
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

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		09/12/25 15:27	09/13/25 04:35	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		09/12/25 15:27	09/13/25 04:35	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		09/12/25 15:27	09/13/25 04:35	1
m,p-Xylenes	<0.00227	U	0.00398	0.00227	mg/Kg		09/12/25 15:27	09/13/25 04:35	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		09/12/25 15:27	09/13/25 04:35	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		09/12/25 15:27	09/13/25 04:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*144*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 04:35*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*09/12/25 15:27*	*09/13/25 04:35*	*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			09/13/25 04:35	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CFS-14.1

Lab Sample ID: 880-62574-8
Matrix: Solid
Date Collected: 09/09/25 13:40
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

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			09/14/25 00:01	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	49.8	14.5	mg/Kg		09/12/25 10:30	09/14/25 00:01	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		09/12/25 10:30	09/14/25 00:01	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		09/12/25 10:30	09/14/25 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*09/12/25 10:30*	*09/14/25 00:01*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*09/12/25 10:30*	*09/14/25 00:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**636**		10.1	0.397	mg/Kg			09/15/25 15:22	1

Client Sample ID: CFS-15

Lab Sample ID: 880-62574-9
Matrix: Solid
Date Collected: 09/09/25 14:45
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

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		09/12/25 15:27	09/13/25 04:55	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		09/12/25 15:27	09/13/25 04:55	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		09/12/25 15:27	09/13/25 04:55	1
m,p-Xylenes	<0.00229	U	0.00400	0.00229	mg/Kg		09/12/25 15:27	09/13/25 04:55	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		09/12/25 15:27	09/13/25 04:55	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		09/12/25 15:27	09/13/25 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 04:55*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/12/25 15:27*	*09/13/25 04:55*	*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			09/13/25 04:55	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			09/14/25 00:17	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		09/12/25 10:30	09/14/25 00:17	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 10:30	09/14/25 00:17	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 10:30	09/14/25 00:17	1

Eurofins Midland

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CFS-15

Lab Sample ID: 880-62574-9
Matrix: Solid
Date Collected: 09/09/25 14:45
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*09/12/25 10:30*	*09/14/25 00:17*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*09/12/25 10:30*	*09/14/25 00:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**672**		9.94	0.393	mg/Kg			09/15/25 15:39	1

Client Sample ID: CFS-16

Lab Sample ID: 880-62574-10
Matrix: Solid
Date Collected: 09/09/25 14:50
Date Received: 09/11/25 16:04
Sample Depth: 4.0 - 4.5

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		09/12/25 15:27	09/13/25 05:16	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		09/12/25 15:27	09/13/25 05:16	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg		09/12/25 15:27	09/13/25 05:16	1
m,p-Xylenes	<0.00230	U	0.00402	0.00230	mg/Kg		09/12/25 15:27	09/13/25 05:16	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		09/12/25 15:27	09/13/25 05:16	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		09/12/25 15:27	09/13/25 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 05:16*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/12/25 15:27*	*09/13/25 05:16*	*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			09/13/25 05:16	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			09/14/25 02:17	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		09/12/25 12:17	09/14/25 02:17	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 12:17	09/14/25 02:17	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 12:17	09/14/25 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*09/12/25 12:17*	*09/14/25 02:17*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*09/12/25 12:17*	*09/14/25 02:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**555**		9.90	0.391	mg/Kg			09/15/25 15:45	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CWS-1.1

Date Collected: 09/09/25 13:55
Date Received: 09/11/25 16:04
Sample Depth: 0.0 - 4.0

Lab Sample ID: 880-62574-11
Matrix: Solid

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		09/12/25 15:27	09/13/25 05:36	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		09/12/25 15:27	09/13/25 05:36	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		09/12/25 15:27	09/13/25 05:36	1
m,p-Xylenes	<0.00231	U	0.00404	0.00231	mg/Kg		09/12/25 15:27	09/13/25 05:36	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		09/12/25 15:27	09/13/25 05:36	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		09/12/25 15:27	09/13/25 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 05:36*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/12/25 15:27*	*09/13/25 05:36*	*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			09/13/25 05:36	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	50.0	15.1	mg/Kg			09/14/25 03:04	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	<14.5	U	50.0	14.5	mg/Kg		09/12/25 12:17	09/14/25 03:04	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 12:17	09/14/25 03:04	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 12:17	09/14/25 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*09/12/25 12:17*	*09/14/25 03:04*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*09/12/25 12:17*	*09/14/25 03:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**367**		10.1	0.398	mg/Kg			09/15/25 15:51	1

Client Sample ID: CWS-2.1

Date Collected: 09/09/25 14:00
Date Received: 09/11/25 16:04
Sample Depth: 0.0 - 4.0

Lab Sample ID: 880-62574-12
Matrix: Solid

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		09/12/25 15:27	09/13/25 05:56	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		09/12/25 15:27	09/13/25 05:56	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		09/12/25 15:27	09/13/25 05:56	1
m,p-Xylenes	<0.00227	U	0.00398	0.00227	mg/Kg		09/12/25 15:27	09/13/25 05:56	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		09/12/25 15:27	09/13/25 05:56	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		09/12/25 15:27	09/13/25 05:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 05:56*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CWS-2.1

Lab Sample ID: 880-62574-12
Matrix: Solid
Date Collected: 09/09/25 14:00
Date Received: 09/11/25 16:04
Sample Depth: 0.0 - 4.0

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/12/25 15:27*	*09/13/25 05:56*	*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			09/13/25 05:56	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	50.0	15.1	mg/Kg			09/14/25 03:18	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	<14.5	U	50.0	14.5	mg/Kg		09/12/25 12:17	09/14/25 03:18	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 12:17	09/14/25 03:18	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 12:17	09/14/25 03:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*96*		*70 - 130*	*09/12/25 12:17*	*09/14/25 03:18*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*09/12/25 12:17*	*09/14/25 03:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**568**		10.1	0.397	mg/Kg			09/15/25 15:56	1

Client Sample ID: CWS-5

Lab Sample ID: 880-62574-13
Matrix: Solid
Date Collected: 09/09/25 14:05
Date Received: 09/11/25 16:04
Sample Depth: 0.0 - 4.0

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		09/12/25 15:27	09/13/25 06:17	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		09/12/25 15:27	09/13/25 06:17	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		09/12/25 15:27	09/13/25 06:17	1
m,p-Xylenes	<0.00226	U	0.00396	0.00226	mg/Kg		09/12/25 15:27	09/13/25 06:17	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		09/12/25 15:27	09/13/25 06:17	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg		09/12/25 15:27	09/13/25 06:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*133*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 06:17*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/12/25 15:27*	*09/13/25 06:17*	*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			09/13/25 06:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**484**		50.0	15.1	mg/Kg			09/14/25 03:34	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CWS-5

Lab Sample ID: 880-62574-13
Matrix: Solid
Date Collected: 09/09/25 14:05
Date Received: 09/11/25 16:04
Sample Depth: 0.0 - 4.0

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		09/12/25 12:17	09/14/25 03:34	1
Diesel Range Organics (Over C10-C28)	**368**		50.0	15.1	mg/Kg		09/12/25 12:17	09/14/25 03:34	1
Oil Range Organics (Over C28-C36)	**116**		50.0	15.1	mg/Kg		09/12/25 12:17	09/14/25 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*09/12/25 12:17*	*09/14/25 03:34*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*09/12/25 12:17*	*09/14/25 03:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**388**		9.98	0.394	mg/Kg			09/15/25 16:02	1

Client Sample ID: CWS-6

Lab Sample ID: 880-62574-14
Matrix: Solid
Date Collected: 09/09/25 14:10
Date Received: 09/11/25 16:04
Sample Depth: 0.0 - 4.0

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		09/12/25 15:27	09/13/25 06:37	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		09/12/25 15:27	09/13/25 06:37	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		09/12/25 15:27	09/13/25 06:37	1
m,p-Xylenes	<0.00231	U	0.00404	0.00231	mg/Kg		09/12/25 15:27	09/13/25 06:37	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		09/12/25 15:27	09/13/25 06:37	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		09/12/25 15:27	09/13/25 06:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*X*	*70 - 130*	*09/12/25 15:27*	*09/13/25 06:37*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/12/25 15:27*	*09/13/25 06:37*	*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			09/13/25 06:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**81.8**		49.9	15.1	mg/Kg			09/14/25 03:49	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	<14.5	U	49.9	14.5	mg/Kg		09/12/25 12:17	09/14/25 03:49	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		09/12/25 12:17	09/14/25 03:49	1
Oil Range Organics (Over C28-C36)	**81.8**		49.9	15.1	mg/Kg		09/12/25 12:17	09/14/25 03:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*09/12/25 12:17*	*09/14/25 03:49*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CWS-6
Date Collected: 09/09/25 14:10
Date Received: 09/11/25 16:04
Sample Depth: 0.0 - 4.0

Lab Sample ID: 880-62574-14
Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*119*		*70 - 130*	*09/12/25 12:17*	*09/14/25 03:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	354		10.1	0.399	mg/Kg			09/15/25 16:08	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

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)
880-62574-1	CFS-3.1	135 X	89
880-62574-2	CFS-4.1	132 X	93
880-62574-3	CFS-5.1	137 X	95
880-62574-4	CFS-6.1	139 X	86
880-62574-5	CFS-8.1	162 X	86
880-62574-6	CFS-9.1	133 X	91
880-62574-7	CFS-12.1	138 X	95
880-62574-8	CFS-14.1	144 X	83
880-62574-9	CFS-15	135 X	90
880-62574-10	CFS-16	137 X	92
880-62574-11	CWS-1.1	135 X	92
880-62574-12	CWS-2.1	131 X	95
880-62574-13	CWS-5	133 X	92
880-62574-14	CWS-6	138 X	92
LCS 880-118827/1-A	Lab Control Sample	137 X	90
LCSD 880-118827/2-A	Lab Control Sample Dup	134 X	94
MB 880-118748/5-A	Method Blank	132 X	93
MB 880-118827/5-A	Method Blank	129	85

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)
880-62574-1	CFS-3.1	89	92
880-62574-2	CFS-4.1	92	94
880-62574-3	CFS-5.1	99	104
880-62574-4	CFS-6.1	92	93
880-62574-5	CFS-8.1	94	92
880-62574-6	CFS-9.1	98	104
880-62574-7	CFS-12.1	95	93
880-62574-8	CFS-14.1	107	105
880-62574-9	CFS-15	97	95
880-62574-10	CFS-16	100	100
880-62574-10 MS	CFS-16	88	97
880-62574-10 MSD	CFS-16	90	98
880-62574-11	CWS-1.1	96	97
880-62574-12	CWS-2.1	96	99
880-62574-13	CWS-5	95	98
880-62574-14	CWS-6	106	119
LCS 880-118762/2-A	Lab Control Sample	118	134 X
LCS 880-118803/2-A	Lab Control Sample	117	133 X
LCSD 880-118762/3-A	Lab Control Sample Dup	118	136 X
LCSD 880-118803/3-A	Lab Control Sample Dup	73	71
MB 880-118762/1-A	Method Blank	90	96

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
MB 880-118803/1-A	Method Blank	86	91								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-118748/5-A
Matrix: Solid
Analysis Batch: 118741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 118748

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		09/12/25 09:21	09/12/25 11:36	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		09/12/25 09:21	09/12/25 11:36	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		09/12/25 09:21	09/12/25 11:36	1
m,p-Xylenes	<0.00229	U	0.00400	0.00229	mg/Kg		09/12/25 09:21	09/12/25 11:36	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		09/12/25 09:21	09/12/25 11:36	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		09/12/25 09:21	09/12/25 11:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*X*	*70 - 130*	*09/12/25 09:21*	*09/12/25 11:36*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*09/12/25 09:21*	*09/12/25 11:36*	*1*

Lab Sample ID: MB 880-118827/5-A
Matrix: Solid
Analysis Batch: 118741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 118827

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		09/12/25 15:27	09/12/25 22:33	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		09/12/25 15:27	09/12/25 22:33	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		09/12/25 15:27	09/12/25 22:33	1
m,p-Xylenes	<0.00229	U	0.00400	0.00229	mg/Kg		09/12/25 15:27	09/12/25 22:33	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		09/12/25 15:27	09/12/25 22:33	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		09/12/25 15:27	09/12/25 22:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*09/12/25 15:27*	*09/12/25 22:33*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*09/12/25 15:27*	*09/12/25 22:33*	*1*

Lab Sample ID: LCS 880-118827/1-A
Matrix: Solid
Analysis Batch: 118741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 118827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08522		mg/Kg		85	70 - 130
Toluene	0.100	0.08799		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.1044		mg/Kg		104	70 - 130
m,p-Xylenes	0.200	0.2115		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1124		mg/Kg		112	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*137*	*X*	*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: LCSD 880-118827/2-A
Matrix: Solid
Analysis Batch: 118741

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 118827

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09818		mg/Kg		98	70 - 130	14	35

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

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

Lab Sample ID: LCSD 880-118827/2-A
Matrix: Solid
Analysis Batch: 118741

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 118827

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09401		mg/Kg		94	70 - 130	7	35
Ethylbenzene			0.100	0.1080		mg/Kg		108	70 - 130	3	35
m,p-Xylenes			0.200	0.2158		mg/Kg		108	70 - 130	2	35
o-Xylene			0.100	0.1139		mg/Kg		114	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*134*	*X*	*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

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

Lab Sample ID: MB 880-118762/1-A
Matrix: Solid
Analysis Batch: 118839

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 118762

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		09/12/25 10:30	09/13/25 07:59	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 10:30	09/13/25 07:59	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 10:30	09/13/25 07:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*09/12/25 10:30*	*09/13/25 07:59*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*09/12/25 10:30*	*09/13/25 07:59*	*1*

Lab Sample ID: LCS 880-118762/2-A
Matrix: Solid
Analysis Batch: 118839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 118762

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1030		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)			1000	902.6		mg/Kg		90	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*118*		*70 - 130*
o-Terphenyl (Surr)	*134*	*X*	*70 - 130*

Lab Sample ID: LCSD 880-118762/3-A
Matrix: Solid
Analysis Batch: 118839

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 118762

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1026		mg/Kg		103	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	904.4		mg/Kg		90	70 - 130	0	20

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

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

Lab Sample ID: LCSD 880-118762/3-A
Matrix: Solid
Analysis Batch: 118839

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 118762

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	118		70 - 130
o-Terphenyl (Surr)	136	X	70 - 130

Lab Sample ID: MB 880-118803/1-A
Matrix: Solid
Analysis Batch: 118839

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 118803

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		09/12/25 12:17	09/14/25 01:32	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 12:17	09/14/25 01:32	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		09/12/25 12:17	09/14/25 01:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130	09/12/25 12:17	09/14/25 01:32	1
o-Terphenyl (Surr)	91		70 - 130	09/12/25 12:17	09/14/25 01:32	1

Lab Sample ID: LCS 880-118803/2-A
Matrix: Solid
Analysis Batch: 118839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 118803

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	969.1		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	901.2		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	117		70 - 130
o-Terphenyl (Surr)	133	X	70 - 130

Lab Sample ID: LCSD 880-118803/3-A
Matrix: Solid
Analysis Batch: 118839

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 118803

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1055		mg/Kg		105	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	892.0		mg/Kg		89	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	73		70 - 130
o-Terphenyl (Surr)	71		70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

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

Lab Sample ID: 880-62574-10 MS
Matrix: Solid
Analysis Batch: 118839

Client Sample ID: CFS-16
Prep Type: Total/NA
Prep Batch: 118803

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	998	896.8		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	<15.1	U	998	804.4		mg/Kg		81	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*88*		*70 - 130*
o-Terphenyl (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-62574-10 MSD
Matrix: Solid
Analysis Batch: 118839

Client Sample ID: CFS-16
Prep Type: Total/NA
Prep Batch: 118803

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	<14.5	U	998	902.4		mg/Kg		90	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<15.1	U	998	820.2		mg/Kg		82	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*90*		*70 - 130*
o-Terphenyl (Surr)	*98*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-118808/1-A
Matrix: Solid
Analysis Batch: 118888

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			09/15/25 13:24	1

Lab Sample ID: LCS 880-118808/2-A
Matrix: Solid
Analysis Batch: 118888

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	258.5		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-118808/3-A
Matrix: Solid
Analysis Batch: 118888

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	260.3		mg/Kg		104	90 - 110	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-62574-6 MS
Matrix: Solid
Analysis Batch: 118888

Client Sample ID: CFS-9.1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	780		249	1003		mg/Kg		90	90 - 110		

Lab Sample ID: 880-62574-6 MSD
Matrix: Solid
Analysis Batch: 118888

Client Sample ID: CFS-9.1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	780		249	1005		mg/Kg		90	90 - 110	0	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

GC VOA

Analysis Batch: 118741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62574-1	CFS-3.1	Total/NA	Solid	8021B	118827
880-62574-2	CFS-4.1	Total/NA	Solid	8021B	118827
880-62574-3	CFS-5.1	Total/NA	Solid	8021B	118827
880-62574-4	CFS-6.1	Total/NA	Solid	8021B	118827
880-62574-5	CFS-8.1	Total/NA	Solid	8021B	118827
880-62574-6	CFS-9.1	Total/NA	Solid	8021B	118827
880-62574-7	CFS-12.1	Total/NA	Solid	8021B	118827
880-62574-8	CFS-14.1	Total/NA	Solid	8021B	118827
880-62574-9	CFS-15	Total/NA	Solid	8021B	118827
880-62574-10	CFS-16	Total/NA	Solid	8021B	118827
880-62574-11	CWS-1.1	Total/NA	Solid	8021B	118827
880-62574-12	CWS-2.1	Total/NA	Solid	8021B	118827
880-62574-13	CWS-5	Total/NA	Solid	8021B	118827
880-62574-14	CWS-6	Total/NA	Solid	8021B	118827
MB 880-118748/5-A	Method Blank	Total/NA	Solid	8021B	118748
MB 880-118827/5-A	Method Blank	Total/NA	Solid	8021B	118827
LCS 880-118827/1-A	Lab Control Sample	Total/NA	Solid	8021B	118827
LCSD 880-118827/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	118827

Prep Batch: 118748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-118748/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 118827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62574-1	CFS-3.1	Total/NA	Solid	5035	
880-62574-2	CFS-4.1	Total/NA	Solid	5035	
880-62574-3	CFS-5.1	Total/NA	Solid	5035	
880-62574-4	CFS-6.1	Total/NA	Solid	5035	
880-62574-5	CFS-8.1	Total/NA	Solid	5035	
880-62574-6	CFS-9.1	Total/NA	Solid	5035	
880-62574-7	CFS-12.1	Total/NA	Solid	5035	
880-62574-8	CFS-14.1	Total/NA	Solid	5035	
880-62574-9	CFS-15	Total/NA	Solid	5035	
880-62574-10	CFS-16	Total/NA	Solid	5035	
880-62574-11	CWS-1.1	Total/NA	Solid	5035	
880-62574-12	CWS-2.1	Total/NA	Solid	5035	
880-62574-13	CWS-5	Total/NA	Solid	5035	
880-62574-14	CWS-6	Total/NA	Solid	5035	
MB 880-118827/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-118827/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-118827/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 118938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62574-1	CFS-3.1	Total/NA	Solid	Total BTEX	
880-62574-2	CFS-4.1	Total/NA	Solid	Total BTEX	
880-62574-3	CFS-5.1	Total/NA	Solid	Total BTEX	
880-62574-4	CFS-6.1	Total/NA	Solid	Total BTEX	
880-62574-5	CFS-8.1	Total/NA	Solid	Total BTEX	
880-62574-6	CFS-9.1	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

GC VOA (Continued)

Analysis Batch: 118938 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62574-7	CFS-12.1	Total/NA	Solid	Total BTEX	
880-62574-8	CFS-14.1	Total/NA	Solid	Total BTEX	
880-62574-9	CFS-15	Total/NA	Solid	Total BTEX	
880-62574-10	CFS-16	Total/NA	Solid	Total BTEX	
880-62574-11	CWS-1.1	Total/NA	Solid	Total BTEX	
880-62574-12	CWS-2.1	Total/NA	Solid	Total BTEX	
880-62574-13	CWS-5	Total/NA	Solid	Total BTEX	
880-62574-14	CWS-6	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 118762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62574-1	CFS-3.1	Total/NA	Solid	8015NM Prep	
880-62574-2	CFS-4.1	Total/NA	Solid	8015NM Prep	
880-62574-3	CFS-5.1	Total/NA	Solid	8015NM Prep	
880-62574-4	CFS-6.1	Total/NA	Solid	8015NM Prep	
880-62574-5	CFS-8.1	Total/NA	Solid	8015NM Prep	
880-62574-6	CFS-9.1	Total/NA	Solid	8015NM Prep	
880-62574-7	CFS-12.1	Total/NA	Solid	8015NM Prep	
880-62574-8	CFS-14.1	Total/NA	Solid	8015NM Prep	
880-62574-9	CFS-15	Total/NA	Solid	8015NM Prep	
MB 880-118762/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-118762/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-118762/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 118803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62574-10	CFS-16	Total/NA	Solid	8015NM Prep	
880-62574-11	CWS-1.1	Total/NA	Solid	8015NM Prep	
880-62574-12	CWS-2.1	Total/NA	Solid	8015NM Prep	
880-62574-13	CWS-5	Total/NA	Solid	8015NM Prep	
880-62574-14	CWS-6	Total/NA	Solid	8015NM Prep	
MB 880-118803/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-118803/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-118803/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-62574-10 MS	CFS-16	Total/NA	Solid	8015NM Prep	
880-62574-10 MSD	CFS-16	Total/NA	Solid	8015NM Prep	

Analysis Batch: 118839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62574-1	CFS-3.1	Total/NA	Solid	8015B NM	118762
880-62574-2	CFS-4.1	Total/NA	Solid	8015B NM	118762
880-62574-3	CFS-5.1	Total/NA	Solid	8015B NM	118762
880-62574-4	CFS-6.1	Total/NA	Solid	8015B NM	118762
880-62574-5	CFS-8.1	Total/NA	Solid	8015B NM	118762
880-62574-6	CFS-9.1	Total/NA	Solid	8015B NM	118762
880-62574-7	CFS-12.1	Total/NA	Solid	8015B NM	118762
880-62574-8	CFS-14.1	Total/NA	Solid	8015B NM	118762
880-62574-9	CFS-15	Total/NA	Solid	8015B NM	118762
880-62574-10	CFS-16	Total/NA	Solid	8015B NM	118803

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

GC Semi VOA (Continued)

Analysis Batch: 118839 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62574-11	CWS-1.1	Total/NA	Solid	8015B NM	118803
880-62574-12	CWS-2.1	Total/NA	Solid	8015B NM	118803
880-62574-13	CWS-5	Total/NA	Solid	8015B NM	118803
880-62574-14	CWS-6	Total/NA	Solid	8015B NM	118803
MB 880-118762/1-A	Method Blank	Total/NA	Solid	8015B NM	118762
MB 880-118803/1-A	Method Blank	Total/NA	Solid	8015B NM	118803
LCS 880-118762/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	118762
LCS 880-118803/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	118803
LCSD 880-118762/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	118762
LCSD 880-118803/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	118803
880-62574-10 MS	CFS-16	Total/NA	Solid	8015B NM	118803
880-62574-10 MSD	CFS-16	Total/NA	Solid	8015B NM	118803

Analysis Batch: 118922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62574-1	CFS-3.1	Total/NA	Solid	8015 NM	
880-62574-2	CFS-4.1	Total/NA	Solid	8015 NM	
880-62574-3	CFS-5.1	Total/NA	Solid	8015 NM	
880-62574-4	CFS-6.1	Total/NA	Solid	8015 NM	
880-62574-5	CFS-8.1	Total/NA	Solid	8015 NM	
880-62574-6	CFS-9.1	Total/NA	Solid	8015 NM	
880-62574-7	CFS-12.1	Total/NA	Solid	8015 NM	
880-62574-8	CFS-14.1	Total/NA	Solid	8015 NM	
880-62574-9	CFS-15	Total/NA	Solid	8015 NM	
880-62574-10	CFS-16	Total/NA	Solid	8015 NM	
880-62574-11	CWS-1.1	Total/NA	Solid	8015 NM	
880-62574-12	CWS-2.1	Total/NA	Solid	8015 NM	
880-62574-13	CWS-5	Total/NA	Solid	8015 NM	
880-62574-14	CWS-6	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 118808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62574-1	CFS-3.1	Soluble	Solid	DI Leach	
880-62574-2	CFS-4.1	Soluble	Solid	DI Leach	
880-62574-3	CFS-5.1	Soluble	Solid	DI Leach	
880-62574-4	CFS-6.1	Soluble	Solid	DI Leach	
880-62574-5	CFS-8.1	Soluble	Solid	DI Leach	
880-62574-6	CFS-9.1	Soluble	Solid	DI Leach	
880-62574-7	CFS-12.1	Soluble	Solid	DI Leach	
880-62574-8	CFS-14.1	Soluble	Solid	DI Leach	
880-62574-9	CFS-15	Soluble	Solid	DI Leach	
880-62574-10	CFS-16	Soluble	Solid	DI Leach	
880-62574-11	CWS-1.1	Soluble	Solid	DI Leach	
880-62574-12	CWS-2.1	Soluble	Solid	DI Leach	
880-62574-13	CWS-5	Soluble	Solid	DI Leach	
880-62574-14	CWS-6	Soluble	Solid	DI Leach	
MB 880-118808/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-118808/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-118808/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

HPLC/IC (Continued)

Leach Batch: 118808 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62574-6 MS	CFS-9.1	Soluble	Solid	DI Leach	
880-62574-6 MSD	CFS-9.1	Soluble	Solid	DI Leach	

Analysis Batch: 118888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62574-1	CFS-3.1	Soluble	Solid	300.0	118808
880-62574-2	CFS-4.1	Soluble	Solid	300.0	118808
880-62574-3	CFS-5.1	Soluble	Solid	300.0	118808
880-62574-4	CFS-6.1	Soluble	Solid	300.0	118808
880-62574-5	CFS-8.1	Soluble	Solid	300.0	118808
880-62574-6	CFS-9.1	Soluble	Solid	300.0	118808
880-62574-7	CFS-12.1	Soluble	Solid	300.0	118808
880-62574-8	CFS-14.1	Soluble	Solid	300.0	118808
880-62574-9	CFS-15	Soluble	Solid	300.0	118808
880-62574-10	CFS-16	Soluble	Solid	300.0	118808
880-62574-11	CWS-1.1	Soluble	Solid	300.0	118808
880-62574-12	CWS-2.1	Soluble	Solid	300.0	118808
880-62574-13	CWS-5	Soluble	Solid	300.0	118808
880-62574-14	CWS-6	Soluble	Solid	300.0	118808
MB 880-118808/1-A	Method Blank	Soluble	Solid	300.0	118808
LCS 880-118808/2-A	Lab Control Sample	Soluble	Solid	300.0	118808
LCSD 880-118808/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	118808
880-62574-6 MS	CFS-9.1	Soluble	Solid	300.0	118808
880-62574-6 MSD	CFS-9.1	Soluble	Solid	300.0	118808

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CFS-3.1
Date Collected: 09/09/25 13:05
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-1
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			4.95 g	5 mL	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 00:58	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 00:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			118922	09/13/25 22:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	118762	09/12/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/13/25 22:15	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 14:32	CS	EET MID

Client Sample ID: CFS-4.1
Date Collected: 09/09/25 13:10
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-2
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	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 01:18	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 01:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			118922	09/13/25 22:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	118762	09/12/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/13/25 22:31	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 14:37	CS	EET MID

Client Sample ID: CFS-5.1
Date Collected: 09/09/25 13:15
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-3
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	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 01:39	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 01:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			118922	09/13/25 22:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	118762	09/12/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/13/25 22:46	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 14:43	CS	EET MID

Client Sample ID: CFS-6.1
Date Collected: 09/09/25 13:20
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-4
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			4.97 g	5 mL	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 01:59	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 01:59	SA	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CFS-6.1
Date Collected: 09/09/25 13:20
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-4
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			118922	09/13/25 23:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	118762	09/12/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/13/25 23:01	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 14:48	CS	EET MID

Client Sample ID: CFS-8.1
Date Collected: 09/09/25 13:25
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-5
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	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 03:33	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 03:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			118922	09/13/25 23:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	118762	09/12/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/13/25 23:16	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 14:54	CS	EET MID

Client Sample ID: CFS-9.1
Date Collected: 09/09/25 13:30
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-6
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	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 03:54	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 03:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			118922	09/13/25 23:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	118762	09/12/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/13/25 23:31	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 15:00	CS	EET MID

Client Sample ID: CFS-12.1
Date Collected: 09/09/25 13:35
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-7
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			4.97 g	5 mL	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 04:14	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 04:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			118922	09/13/25 23:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	118762	09/12/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/13/25 23:46	TKC	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CFS-12.1
Date Collected: 09/09/25 13:35
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-7
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			4.95 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 15:17	CS	EET MID

Client Sample ID: CFS-14.1
Date Collected: 09/09/25 13:40
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-8
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	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 04:35	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 04:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			118922	09/14/25 00:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	118762	09/12/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/14/25 00:01	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 15:22	CS	EET MID

Client Sample ID: CFS-15
Date Collected: 09/09/25 14:45
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-9
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	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 04:55	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 04:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			118922	09/14/25 00:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	118762	09/12/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/14/25 00:17	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 15:39	CS	EET MID

Client Sample ID: CFS-16
Date Collected: 09/09/25 14:50
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-10
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			4.97 g	5 mL	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 05:16	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 05:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			118922	09/14/25 02:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	118803	09/12/25 12:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/14/25 02:17	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 15:45	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CWS-1.1
Date Collected: 09/09/25 13:55
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-11
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	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 05:36	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 05:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			118922	09/14/25 03:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	118803	09/12/25 12:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/14/25 03:04	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 15:51	CS	EET MID

Client Sample ID: CWS-2.1
Date Collected: 09/09/25 14:00
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-12
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	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 05:56	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 05:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			118922	09/14/25 03:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	118803	09/12/25 12:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/14/25 03:18	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 15:56	CS	EET MID

Client Sample ID: CWS-5
Date Collected: 09/09/25 14:05
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-13
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	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 06:17	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 06:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			118922	09/14/25 03:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	118803	09/12/25 12:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/14/25 03:34	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 16:02	CS	EET MID

Client Sample ID: CWS-6
Date Collected: 09/09/25 14:10
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	118827	09/12/25 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118741	09/13/25 06:37	EL	EET MID
Total/NA	Analysis	Total BTEX		1			118938	09/13/25 06:37	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Client Sample ID: CWS-6
Date Collected: 09/09/25 14:10
Date Received: 09/11/25 16:04

Lab Sample ID: 880-62574-14
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			118922	09/14/25 03:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	118803	09/12/25 12:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118839	09/14/25 03:49	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	118808	09/12/25 12:45	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118888	09/15/25 16:08	CS	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: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

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: WDDU #88

Job ID: 880-62574-1
SDG: AR257100

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-62574-1	CFS-3.1	Solid	09/09/25 13:05	09/11/25 16:04	4.0 - 4.5
880-62574-2	CFS-4.1	Solid	09/09/25 13:10	09/11/25 16:04	4.0 - 4.5
880-62574-3	CFS-5.1	Solid	09/09/25 13:15	09/11/25 16:04	4.0 - 4.5
880-62574-4	CFS-6.1	Solid	09/09/25 13:20	09/11/25 16:04	4.0 - 4.5
880-62574-5	CFS-8.1	Solid	09/09/25 13:25	09/11/25 16:04	4.0 - 4.5
880-62574-6	CFS-9.1	Solid	09/09/25 13:30	09/11/25 16:04	4.0 - 4.5
880-62574-7	CFS-12.1	Solid	09/09/25 13:35	09/11/25 16:04	4.0 - 4.5
880-62574-8	CFS-14.1	Solid	09/09/25 13:40	09/11/25 16:04	4.0 - 4.5
880-62574-9	CFS-15	Solid	09/09/25 14:45	09/11/25 16:04	4.0 - 4.5
880-62574-10	CFS-16	Solid	09/09/25 14:50	09/11/25 16:04	4.0 - 4.5
880-62574-11	CWS-1.1	Solid	09/09/25 13:55	09/11/25 16:04	0.0 - 4.0
880-62574-12	CWS-2.1	Solid	09/09/25 14:00	09/11/25 16:04	0.0 - 4.0
880-62574-13	CWS-5	Solid	09/09/25 14:05	09/11/25 16:04	0.0 - 4.0
880-62574-14	CWS-6	Solid	09/09/25 14:10	09/11/25 16:04	0.0 - 4.0

Released to Imaging: 4/15/2026 2:07:11 PM
Received by OCD: 2/10/2026 10:10:39 AM

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: Eurofins
Address: 6701 Aberdeen, Lubbock, Texas 79424
Phone: (806) 794-1296
Contact: Holly Taylor

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C): 2.1/1.9 IR-4/-0.2

Page 1 of 2

880-62574 Chain of Custody

Office Location: Lubbock, Texas
Project Manager: Chuck Smith
Sampler's Name: Daniel Pavelka
Sampler's Signature:

Project Number: AR257100
Project Name: WDDU #88

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth (FT)	End Depth (FT)	No. Type of Containers: 4 oz Glass				Chloride (EPA Method 300)	BTEX (EPA Method 8021B)	TPH 8015 extended					Lab Sample ID
S	9/9/2025	1:05 PM	X		CFS-3.1	4.0	4.5	1				X	X	X					
S	9/9/2025	1:10 PM	X		CFS-4.1	4.0	4.5	1				X	X	X					
S	9/9/2025	1:15 PM	X		CFS-5.1	4.0	4.5	1				X	X	X					
S	9/9/2025	1:20 PM	X		CFS-6.1	4.0	4.5	1				X	X	X					
S	9/9/2025	1:25 PM	X		CFS-8.1	4.0	4.5	1				X	X	X					
S	9/9/2025	1:30 PM	X		CFS-9.1	4.0	4.5	1				X	X	X					
S	9/9/2025	1:35 PM	X		CFS-12.1	4.0	4.5	1				X	X	X					
S	9/9/2025	1:40 PM	X		CFS-14.1	4.0	4.5	1				X	X	X					
S	9/9/2025	1:45 PM	X		CFS-15	4.0	4.5	1				X	X	X					
S	9/9/2025	1:50 PM	X		CFS-16	4.0	4.5	1				X	X	X					
S	9/9/2025	1:55 PM	X		CWS-1.1	0.0	4.0	1				X	X	X					

TURNAROUND TIME: ☒ Standard ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
	09/11/25	1604		9/11/25	16:04
Holly Taylor	9/12/25	1200			

Bill To: Scout Energy Management, LLC. Attn: Spencer Jackson
Address: 13800 Montfort Dr., Dallas, TX 75240. On Invoice
Reference AFE # 19309 and Incident No: NPAC0616632139

e-mail results to:
chuck.smith@terracon.com
joseph.guesnier@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge
Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other Wipe

Released to Imaging: 4/15/2026 2:07:11 PM
Received by OCD: 2/10/2026 10:10:39 AM

CHAIN OF CUSTODY RECORD

Terracon

Office Location	Lubbock, Texas
Project Manager	Chuck Smith
Sampler's Name	Daniel Pavelka
Sampler's Signature	
Project Number	AR257100
Project Name	WDDU #88

Laboratory: Eurofins
Address: 6701 Aberdeen, Lubbock, Texas 79424
Phone: (806) 794-1296
Contact: Holly Taylor

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C): 2-1 1-9 IR-4 -0.2

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth (FT)	End Depth (FT)	No. Type of Containers: 4 oz Glass				Chloride (EPA Method 300)	BTEX (EPA Method 8021B)	TPH 8015 extended					Lab Sample ID
S	9/9/25	2:00 PM	X		CWS-2.1	0.0	4.0	1				X	X	X					
S	9/9/25	2:05 PM	X		CWS-5	0.0	4.0	1				X	X	X					
S	9/9/25	2:10 PM	X		CWS-6	0.0	4.0	1				X	X	X					

NFE

TURNAROUND TIME ☒ Standard ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
	09/11/25	1604		9/11/25	16:04
Holly Taylor	9/12/25	1200			

Bill To: Scout Energy Management, LLC. Attn: Spencer Jackson
Address: 13800 Montfort Dr., Dallas, TX 75240. On Invoice
Reference AFE # 19309 and Incident No: NPAC0616632139

e-mail results to:
chuck.smith@terracon.com
joseph.guesnier@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge
Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other Wipe

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 880-62574-1
SDG Number: AR257100

Login Number: 62574
List Number: 1
Creator: Kramer, Jessica

List Source: Eurofins Midland

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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Chuck Smith
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 10/9/2025 5:22:59 PM

JOB DESCRIPTION

WDDU #88
AR257100

JOB NUMBER

820-21305-1

Eurofins Lubbock
6701 Aberdeen Ave.
Suite 8
Lubbock TX 79424

See page two for job notes and contact information.

Released to Imaging: 4/13/2026 2:07:11 PM

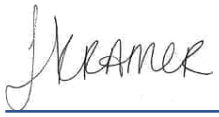
Eurofins Lubbock

Job Notes

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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

Eurofins Lubbock

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD,and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments. QC data that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result. Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Coliform MCLs
· Based on the EPA primary drinking water standard MCL for total coliforms, a water supply is considered bacteriologically "SAFE" if no coliform bacteria are detected. To be considered "SAFE" your report should indicate "<1 cfu/100mL" or "NEG" for the coliform test. If you report indicates a positive result "POS" or a value greater than or equal to one, then your supply is "UNSAFE FOR DRINKING" contact your local health department.

Warranties, Terms, and Conditions
· Analyses for Field Parameters are performed by Eurofins Philadelphia field staff. Locations and certifications are identified on the Chain of Custody as follows:

ERF = field staff performs tests under NJ State certification # 02015.
VL = field staff performs tests under NJ State certification # 06005.
WG = field staff performs tests under NJ State certification # PA001, PA State certification # 48-01334.
H = field staff performs tests under NJ NELAP certification # PA093, PA NELAP certification # 46-05499.

· Test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.

· The report shall not be reproduced, except in full, without the written consent of the laboratory

· All samples are collected as "grab" samples unless otherwise identified.

· Reported results related only to the samples as tested. Eurofins Philadelphia is not responsible for sample integrity unless sampling has been performed by a member of our staff.

· Eurofins Philadelphia is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance.

· Eurofins' online data portal "TotalAccess" will provide you with real-time access to collection dates and testing results. Please contact Client Services for further information.

· The following personnel or their deputies have approved the results of the tests performed by Eurofins Philadelphia : Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).

Kramer

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Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Laboratory Job ID: 820-21305-1
SDG: AR257100

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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: WDDU #88

Job ID: 820-21305-1

Job ID: 820-21305-1 Eurofins Lubbock

Job Narrative
820-21305-1

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

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

Receipt
The samples were received on 10/3/2025 11:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -11.2°C.

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

CWS-5.1 (820-21305-1) and CFS-9.2 (820-21305-2)

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-120765 and analytical batch 880-120703 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CFS-9.2 (820-21305-2). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-120765 and analytical batch 880-120703 was outside the upper control limits.

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

Diesel Range Organics
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: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 880-120674 and analytical batch 880-120753 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

The associated samples are: (820-21298-A-21-B MS) and (820-21298-A-21-C MSD).

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-120674 and analytical batch 880-120753 were outside control limits. 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.

The associated samples are: (820-21334-A-5-A), (820-21334-A-5-B MS) and (820-21334-A-5-C MSD).

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

Client Sample ID: CWS-5.1

Date Collected: 10/02/25 15:05
Date Received: 10/03/25 11:05
Sample Depth: 0.0 - 4.0

Lab Sample ID: 820-21305-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		10/08/25 15:13	10/08/25 23:28	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		10/08/25 15:13	10/08/25 23:28	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		10/08/25 15:13	10/08/25 23:28	1
m,p-Xylenes	<0.00399	U F1	0.00399		mg/Kg		10/08/25 15:13	10/08/25 23:28	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		10/08/25 15:13	10/08/25 23:28	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		10/08/25 15:13	10/08/25 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*10/08/25 15:13*	*10/08/25 23:28*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/08/25 15:13*	*10/08/25 23:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/25 23:28	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			10/09/25 02:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/06/25 07:23	10/09/25 02:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/06/25 07:23	10/09/25 02:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/06/25 07:23	10/09/25 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*10/06/25 07:23*	*10/09/25 02:09*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*10/06/25 07:23*	*10/09/25 02:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1240**		99.4		mg/Kg			10/08/25 16:29	10

Client Sample ID: CFS-9.2

Date Collected: 10/02/25 15:10
Date Received: 10/03/25 11:05
Sample Depth: 6.0 - 6.5

Lab Sample ID: 820-21305-2

Matrix: Solid

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		10/08/25 15:13	10/08/25 23:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/08/25 15:13	10/08/25 23:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/08/25 15:13	10/08/25 23:49	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/08/25 15:13	10/08/25 23:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/08/25 15:13	10/08/25 23:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/08/25 15:13	10/08/25 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*538*	*S1+*	*70 - 130*	*10/08/25 15:13*	*10/08/25 23:49*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

Client Sample ID: CFS-9.2

Date Collected: 10/02/25 15:10
Date Received: 10/03/25 11:05
Sample Depth: 6.0 - 6.5

Lab Sample ID: 820-21305-2

Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*384*	*S1+*	*70 - 130*	*10/08/25 15:13*	*10/08/25 23:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/25 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	**137**		49.8		mg/Kg			10/09/25 02:24	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		10/06/25 07:23	10/09/25 02:24	1
Diesel Range Organics (Over C10-C28)	**137**		49.8		mg/Kg		10/06/25 07:23	10/09/25 02:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/06/25 07:23	10/09/25 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*10/06/25 07:23*	*10/09/25 02:24*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*10/06/25 07:23*	*10/09/25 02:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**958**		49.6		mg/Kg			10/08/25 16:45	5

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
820-21305-1	CWS-5.1	111	101
820-21305-1 MS	CWS-5.1	110	87
820-21305-1 MSD	CWS-5.1	117	84
820-21305-2	CFS-9.2	538 S1+	384 S1+
LCS 880-120765/1-A	Lab Control Sample	101	101
LCSD 880-120765/2-A	Lab Control Sample Dup	105	89
MB 880-120559/5-A	Method Blank	123	84
MB 880-120765/5-A	Method Blank	145 S1+	91

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
820-21305-1	CWS-5.1	96	109
820-21305-2	CFS-9.2	90	108
880-63443-A-15-E MS	Matrix Spike	107	126
880-63443-A-15-F MSD	Matrix Spike Duplicate	97	113
LCS 880-120494/2-A	Lab Control Sample	90	104
LCSD 880-120494/3-A	Lab Control Sample Dup	95	109
MB 880-120494/1-A	Method Blank	83	94

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-120559/5-A
Matrix: Solid
Analysis Batch: 120703

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 120559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/25 13:07	10/08/25 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/25 13:07	10/08/25 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/25 13:07	10/08/25 11:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/06/25 13:07	10/08/25 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/25 13:07	10/08/25 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/06/25 13:07	10/08/25 11:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/06/25 13:07*	*10/08/25 11:50*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*10/06/25 13:07*	*10/08/25 11:50*	*1*

Lab Sample ID: MB 880-120765/5-A
Matrix: Solid
Analysis Batch: 120703

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 120765

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/08/25 15:13	10/08/25 23:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/25 15:13	10/08/25 23:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/25 15:13	10/08/25 23:08	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/08/25 15:13	10/08/25 23:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/25 15:13	10/08/25 23:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/08/25 15:13	10/08/25 23:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*10/08/25 15:13*	*10/08/25 23:08*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*10/08/25 15:13*	*10/08/25 23:08*	*1*

Lab Sample ID: LCS 880-120765/1-A
Matrix: Solid
Analysis Batch: 120703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 120765

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09123		mg/Kg		91	70 - 130
Toluene	0.100	0.08852		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09199		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.1860		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09507		mg/Kg		95	70 - 130

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

Lab Sample ID: LCSD 880-120765/2-A
Matrix: Solid
Analysis Batch: 120703

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 120765

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08232		mg/Kg		82	70 - 130	10	35

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

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

Lab Sample ID: LCSD 880-120765/2-A
Matrix: Solid
Analysis Batch: 120703

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 120765

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08234		mg/Kg		82	70 - 130	7	35
Ethylbenzene			0.100	0.08576		mg/Kg		86	70 - 130	7	35
m,p-Xylenes			0.200	0.1735		mg/Kg		87	70 - 130	7	35
o-Xylene			0.100	0.08937		mg/Kg		89	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: 820-21305-1 MS
Matrix: Solid
Analysis Batch: 120703

Client Sample ID: CWS-5.1
Prep Type: Total/NA
Prep Batch: 120765

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.06565	F1	mg/Kg		66	70 - 130
Toluene	<0.00200	U F1	0.100	0.05937	F1	mg/Kg		59	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.05199	F1	mg/Kg		52	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.1065	F1	mg/Kg		53	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.05056	F1	mg/Kg		51	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: 820-21305-1 MSD
Matrix: Solid
Analysis Batch: 120703

Client Sample ID: CWS-5.1
Prep Type: Total/NA
Prep Batch: 120765

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.06645	F1	mg/Kg		66	70 - 130	1	35
Toluene	<0.00200	U F1	0.100	0.05857	F1	mg/Kg		59	70 - 130	1	35
Ethylbenzene	<0.00200	U F1	0.100	0.04994	F1	mg/Kg		50	70 - 130	4	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1016	F1	mg/Kg		51	70 - 130	5	35
o-Xylene	<0.00200	U F1	0.100	0.04785	F1	mg/Kg		48	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*

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

Lab Sample ID: MB 880-120494/1-A
Matrix: Solid
Analysis Batch: 120743

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 120494

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		10/06/25 07:23	10/08/25 19:52	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

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

Lab Sample ID: MB 880-120494/1-A
Matrix: Solid
Analysis Batch: 120743

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 120494

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/06/25 07:23	10/08/25 19:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/06/25 07:23	10/08/25 19:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*10/06/25 07:23*	*10/08/25 19:52*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*10/06/25 07:23*	*10/08/25 19:52*	*1*

Lab Sample ID: LCS 880-120494/2-A
Matrix: Solid
Analysis Batch: 120743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 120494

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1012		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	857.6		mg/Kg		86	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*90*		*70 - 130*
o-Terphenyl (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-120494/3-A
Matrix: Solid
Analysis Batch: 120743

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 120494

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1066		mg/Kg		107	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	902.3		mg/Kg		90	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*95*		*70 - 130*
o-Terphenyl (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-63443-A-15-E MS
Matrix: Solid
Analysis Batch: 120743

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 120494

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1094		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	887.3		mg/Kg		89	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*107*		*70 - 130*
o-Terphenyl (Surr)	*126*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

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

Lab Sample ID: 880-63443-A-15-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 120743 — **Prep Batch: 120494**

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	<49.9	U	1000	976.4		mg/Kg		98	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	806.2		mg/Kg		81	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*97*		*70 - 130*
o-Terphenyl (Surr)	*113*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-120674/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 120753

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/08/25 15:42	1

Lab Sample ID: LCS 880-120674/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 120753

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.5		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-120674/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 120753

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	248.6		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 820-21298-A-21-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 120753

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1280		253	1490	4	mg/Kg		82	90 - 110

Lab Sample ID: 820-21298-A-21-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 120753

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1280		253	1493	4	mg/Kg		83	90 - 110	0	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 820-21334-A-5-B MS
Matrix: Solid
Analysis Batch: 120753

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2840	F1	1260	4250	F1	mg/Kg		113	90 - 110		

Lab Sample ID: 820-21334-A-5-C MSD
Matrix: Solid
Analysis Batch: 120753

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2840	F1	1260	4265	F1	mg/Kg		114	90 - 110	0	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

GC VOA

Prep Batch: 120559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-120559/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 120703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21305-1	CWS-5.1	Total/NA	Solid	8021B	120765
820-21305-2	CFS-9.2	Total/NA	Solid	8021B	120765
MB 880-120559/5-A	Method Blank	Total/NA	Solid	8021B	120559
MB 880-120765/5-A	Method Blank	Total/NA	Solid	8021B	120765
LCS 880-120765/1-A	Lab Control Sample	Total/NA	Solid	8021B	120765
LCSD 880-120765/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	120765
820-21305-1 MS	CWS-5.1	Total/NA	Solid	8021B	120765
820-21305-1 MSD	CWS-5.1	Total/NA	Solid	8021B	120765

Prep Batch: 120765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21305-1	CWS-5.1	Total/NA	Solid	5035	
820-21305-2	CFS-9.2	Total/NA	Solid	5035	
MB 880-120765/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-120765/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-120765/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
820-21305-1 MS	CWS-5.1	Total/NA	Solid	5035	
820-21305-1 MSD	CWS-5.1	Total/NA	Solid	5035	

Analysis Batch: 120795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21305-1	CWS-5.1	Total/NA	Solid	Total BTEX	
820-21305-2	CFS-9.2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 120494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21305-1	CWS-5.1	Total/NA	Solid	8015NM Prep	
820-21305-2	CFS-9.2	Total/NA	Solid	8015NM Prep	
MB 880-120494/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-120494/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-120494/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63443-A-15-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-63443-A-15-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 120743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21305-1	CWS-5.1	Total/NA	Solid	8015B NM	120494
820-21305-2	CFS-9.2	Total/NA	Solid	8015B NM	120494
MB 880-120494/1-A	Method Blank	Total/NA	Solid	8015B NM	120494
LCS 880-120494/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	120494
LCSD 880-120494/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	120494
880-63443-A-15-E MS	Matrix Spike	Total/NA	Solid	8015B NM	120494
880-63443-A-15-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	120494

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

GC Semi VOA

Analysis Batch: 120880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21305-1	CWS-5.1	Total/NA	Solid	8015 NM	
820-21305-2	CFS-9.2	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 120674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21305-1	CWS-5.1	Soluble	Solid	DI Leach	
820-21305-2	CFS-9.2	Soluble	Solid	DI Leach	
MB 880-120674/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-120674/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-120674/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-21298-A-21-B MS	Matrix Spike	Soluble	Solid	DI Leach	
820-21298-A-21-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
820-21334-A-5-B MS	Matrix Spike	Soluble	Solid	DI Leach	
820-21334-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 120753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21305-1	CWS-5.1	Soluble	Solid	300.0	120674
820-21305-2	CFS-9.2	Soluble	Solid	300.0	120674
MB 880-120674/1-A	Method Blank	Soluble	Solid	300.0	120674
LCS 880-120674/2-A	Lab Control Sample	Soluble	Solid	300.0	120674
LCSD 880-120674/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	120674
820-21298-A-21-B MS	Matrix Spike	Soluble	Solid	300.0	120674
820-21298-A-21-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	120674
820-21334-A-5-B MS	Matrix Spike	Soluble	Solid	300.0	120674
820-21334-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	120674

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

Client Sample ID: CWS-5.1

Lab Sample ID: 820-21305-1

Date Collected: 10/02/25 15:05
Matrix: Solid
Date Received: 10/03/25 11:05

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	120765	10/08/25 15:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120703	10/08/25 23:28	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120795	10/08/25 23:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			120880	10/09/25 02:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120494	10/06/25 07:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120743	10/09/25 02:09	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	120674	10/07/25 14:46	SA	EET MID
Soluble	Analysis	300.0		10			120753	10/08/25 16:29	SMC	EET MID

Client Sample ID: CFS-9.2

Lab Sample ID: 820-21305-2

Date Collected: 10/02/25 15:10
Matrix: Solid
Date Received: 10/03/25 11:05

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	120765	10/08/25 15:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120703	10/08/25 23:49	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120795	10/08/25 23:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			120880	10/09/25 02:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120494	10/06/25 07:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120743	10/09/25 02:24	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	120674	10/07/25 14:46	SA	EET MID
Soluble	Analysis	300.0		5			120753	10/08/25 16:45	SMC	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: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

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: WDDU #88

Job ID: 820-21305-1
SDG: AR257100

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
820-21305-1	CWS-5.1	Solid	10/02/25 15:05	10/03/25 11:05	0.0 - 4.0
820-21305-2	CFS-9.2	Solid	10/02/25 15:10	10/03/25 11:05	6.0 - 6.5

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Received by OCD: 2/10/2026 10:10:39 AM

Loc: 820
21305

820-21305 Chain of Custody

CHAIN OF CU

Terracon

Office Location	Lubbock, Texas
Project Manager	Chuck Smith
Sampler's Name	Daniel Pavelka
Sampler's Signature	

Laboratory: Eurofins
Address: 6701 Aberdeen
Lubbock, Texas 79424
Phone: (806) 794-1296
Contact: Holly Taylor

ANALYSIS REQUESTED

Page 1 of 1

Project Number: AR257100
Project Name: WDDU #88

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth (FT)	End Depth (FT)	No. Type of Containers: 4 oz Glass	BTEX (EPA Method 8021B)	Chloride (EPA Method 300)	TPH 8015 extended	Lab Sample ID
S	10/2/25	15:05	X		CWS-5.1	0.0	4.0	1	X	X	X	
S	10/2/25	15:10	X		CFS-9.2	6.0	6.5	1	X	X	X	

NFE

TURNAROUND TIME: ☒ Standard ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist: ☐ Yes ☐ No

	Date:	Time:		Date:	Time:
Relinquished by (Signature)	10/3/25	7:45	Received by (Signature)	10/3/25	7:45
Relinquished by (Signature)	10/3/25	11:05	Received by (Signature)	10/3/25	1105
Relinquished by (Signature)			Received by (Signature)		
Relinquished by (Signature)			Received by (Signature)		

Bill To: Scout Energy Management, LLC. Attn: Spencer Jackson
Address: 13800 Montfort Dr., Dallas, TX 75240. On Invoice
Reference AFE # 19309 and Incident No: NPAC0616632139

e-mail results to:
chuck.smith@terracon.com
joseph.guesnier@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge
Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other Wipe

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-21305-1
SDG Number: AR257100

Login Number: 21305
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: 820-21305-1
SDG Number: AR257100

Login Number: 21305
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 10/07/25 04:46 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	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Chuck Smith
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

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JOB DESCRIPTION

WDDU #88
AR257100

JOB NUMBER

820-22393-1

Eurofins Lubbock
6701 Aberdeen Ave.
Suite 8
Lubbock TX 79424

See page two for job notes and contact information.

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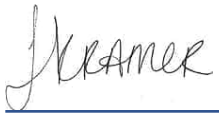
Eurofins Lubbock

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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Revision 1

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

Eurofins Lubbock

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD,and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments. QC data that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result. Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Coliform MCLs
· Based on the EPA primary drinking water standard MCL for total coliforms, a water supply is considered bacteriologically "SAFE" if no coliform bacteria are detected. To be considered "SAFE" your report should indicate "<1 cfu/100mL" or "NEG" for the coliform test. If you report indicates a positive result "POS" or a value greater than or equal to one, then your supply is "UNSAFE FOR DRINKING" contact your local health department.

Warranties, Terms, and Conditions
· Analyses for Field Parameters are performed by Eurofins Philadelphia field staff. Locations and certifications are identified on the Chain of Custody as follows:

ERF = field staff performs tests under NJ State certification # 02015.
VL = field staff performs tests under NJ State certification # 06005.
WG = field staff performs tests under NJ State certification # PA001, PA State certification # 48-01334.
H = field staff performs tests under NJ NELAP certification # PA093, PA NELAP certification # 46-05499.

· Test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.

· The report shall not be reproduced, except in full, without the written consent of the laboratory

· All samples are collected as "grab" samples unless otherwise identified.

· Reported results related only to the samples as tested. Eurofins Philadelphia is not responsible for sample integrity unless sampling has been performed by a member of our staff.

· Eurofins Philadelphia is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance.

· Eurofins' online data portal "TotalAccess" will provide you with real-time access to collection dates and testing results. Please contact Client Services for further information.

· The following personnel or their deputies have approved the results of the tests performed by Eurofins Philadelphia : Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).



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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22393-1
SDG: AR257100

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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
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 Job ID: 820-22393-1
Project: WDDU #88

Job ID: 820-22393-1 **Eurofins Lubbock**

Job Narrative
820-22393-1

REVISION

The report being provided is a revision of the original report sent on 12/8/2025. The report (revision 1) is being revised due to Per client email, requesting TPH and BTEX on all samples.

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

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

Receipt
The sample was received on 12/4/2025 3:42 PM. 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 11.0°C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-125936 and analytical batch 880-125855 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.

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-125837/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-125837/2-A) and (LCSD 880-125837/3-A). 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: (880-65815-A-21-B MS) and (880-65815-A-21-C MSD). 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.

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22393-1
SDG: AR257100

Client Sample ID: CWS-5.2

Date Collected: 12/03/25 15:40
Date Received: 12/04/25 15:42
Sample Depth: 0.0 - 4.0

Lab Sample ID: 820-22393-1

Matrix: Solid

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		12/08/25 13:52	12/09/25 00:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/08/25 13:52	12/09/25 00:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/08/25 13:52	12/09/25 00:15	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/08/25 13:52	12/09/25 00:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/08/25 13:52	12/09/25 00:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/08/25 13:52	12/09/25 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*12/08/25 13:52*	*12/09/25 00:15*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*12/08/25 13:52*	*12/09/25 00:15*	*1*

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			12/09/25 00:15	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			12/09/25 05:36	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	<49.9	U	49.9		mg/Kg		12/05/25 19:31	12/09/25 05:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/05/25 19:31	12/09/25 05:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/05/25 19:31	12/09/25 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*12/05/25 19:31*	*12/09/25 05:36*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*12/05/25 19:31*	*12/09/25 05:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		9.98		mg/Kg			12/05/25 20:38	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22393-1
SDG: AR257100

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)
820-22393-1	CWS-5.2	118	104
880-65854-A-1-A MS	Matrix Spike	107	101
880-65854-A-1-B MSD	Matrix Spike Duplicate	101	102
LCS 880-125936/1-A	Lab Control Sample	103	99
LCSD 880-125936/2-A	Lab Control Sample Dup	112	100
MB 880-125868/5-B	Method Blank	103	88
MB 880-125936/5-B	Method Blank	105	86

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)
820-22393-1	CWS-5.2	115	102
880-65815-A-21-B MS	Matrix Spike	155 S1+	125
880-65815-A-21-C MSD	Matrix Spike Duplicate	155 S1+	125
LCS 880-125837/2-A	Lab Control Sample	154 S1+	122
LCSD 880-125837/3-A	Lab Control Sample Dup	156 S1+	124
MB 880-125837/1-A	Method Blank	132 S1+	113

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22393-1
SDG: AR257100

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-125868/5-B
Matrix: Solid
Analysis Batch: 125855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 11:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 11:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 11:15	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/08/25 08:55	12/08/25 11:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 11:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/08/25 08:55	12/08/25 11:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*12/08/25 08:55*	*12/08/25 11:15*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*12/08/25 08:55*	*12/08/25 11:15*	*1*

Lab Sample ID: MB 880-125936/5-B
Matrix: Solid
Analysis Batch: 125855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/08/25 13:52	12/08/25 22:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/08/25 13:52	12/08/25 22:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/08/25 13:52	12/08/25 22:11	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/08/25 13:52	12/08/25 22:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/08/25 13:52	12/08/25 22:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/08/25 13:52	12/08/25 22:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*12/08/25 13:52*	*12/08/25 22:11*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*12/08/25 13:52*	*12/08/25 22:11*	*1*

Lab Sample ID: LCS 880-125936/1-A
Matrix: Solid
Analysis Batch: 125855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1087		mg/Kg		109	70 - 130
Toluene	0.100	0.1002		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1031		mg/Kg		103	70 - 130
m,p-Xylenes	0.200	0.1978		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09833		mg/Kg		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-125936/2-A
Matrix: Solid
Analysis Batch: 125855

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125936

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1080		mg/Kg		108	70 - 130	1	35

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22393-1
SDG: AR257100

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

Lab Sample ID: LCSD 880-125936/2-A
Matrix: Solid
Analysis Batch: 125855

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125936

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1075		mg/Kg		107	70 - 130	7	35
Ethylbenzene			0.100	0.1098		mg/Kg		110	70 - 130	6	35
m,p-Xylenes			0.200	0.2101		mg/Kg		105	70 - 130	6	35
o-Xylene			0.100	0.1059		mg/Kg		106	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-65854-A-1-A MS
Matrix: Solid
Analysis Batch: 125855

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 125936

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08184		mg/Kg		82	70 - 130
Toluene	<0.00200	U F1	0.100	0.06635	F1	mg/Kg		66	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07667		mg/Kg		77	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1414		mg/Kg		71	70 - 130
o-Xylene	0.00331		0.100	0.07812		mg/Kg		75	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-65854-A-1-B MSD
Matrix: Solid
Analysis Batch: 125855

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 125936

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	0.08721		mg/Kg		87	70 - 130	6	35
Toluene	<0.00200	U F1	0.100	0.06699	F1	mg/Kg		67	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.07781		mg/Kg		78	70 - 130	1	35
m,p-Xylenes	<0.00399	U	0.200	0.1411		mg/Kg		71	70 - 130	0	35
o-Xylene	0.00331		0.100	0.07505		mg/Kg		72	70 - 130	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

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

Lab Sample ID: MB 880-125837/1-A
Matrix: Solid
Analysis Batch: 125892

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125837

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		12/05/25 19:31	12/09/25 00:22	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22393-1
SDG: AR257100

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

Lab Sample ID: MB 880-125837/1-A
Matrix: Solid
Analysis Batch: 125892

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125837

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/25 19:31	12/09/25 00:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/25 19:31	12/09/25 00:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*132*	*S1+*	*70 - 130*	*12/05/25 19:31*	*12/09/25 00:22*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*12/05/25 19:31*	*12/09/25 00:22*	*1*

Lab Sample ID: LCS 880-125837/2-A
Matrix: Solid
Analysis Batch: 125892

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125837

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	820.4		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1003		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*154*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*122*		*70 - 130*

Lab Sample ID: LCSD 880-125837/3-A
Matrix: Solid
Analysis Batch: 125892

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125837

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	821.8		mg/Kg		82	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1038		mg/Kg		104	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*156*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*124*		*70 - 130*

Lab Sample ID: 880-65815-A-21-B MS
Matrix: Solid
Analysis Batch: 125892

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 125837

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	697.4		mg/Kg		70	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	861.8		mg/Kg		84	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*155*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*125*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22393-1
SDG: AR257100

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

Lab Sample ID: 880-65815-A-21-C MSD
Matrix: Solid
Analysis Batch: 125892

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 125837

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	<49.9	U	999	704.6		mg/Kg		71	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	869.8		mg/Kg		85	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*155*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*125*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-125791/1-A
Matrix: Solid
Analysis Batch: 125823

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			12/05/25 20:02	1

Lab Sample ID: LCS 880-125791/2-A
Matrix: Solid
Analysis Batch: 125823

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.6		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-125791/3-A
Matrix: Solid
Analysis Batch: 125823

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	232.1		mg/Kg		93	90 - 110	5	20

Lab Sample ID: 820-22392-A-1-B MS
Matrix: Solid
Analysis Batch: 125823

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	506		248	766.9		mg/Kg		105	90 - 110

Lab Sample ID: 820-22392-A-1-C MSD
Matrix: Solid
Analysis Batch: 125823

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	506		248	760.5		mg/Kg		103	90 - 110	1	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22393-1
SDG: AR257100

GC VOA

Analysis Batch: 125855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22393-1	CWS-5.2	Total/NA	Solid	8021B	125936
MB 880-125868/5-B	Method Blank	Total/NA	Solid	8021B	125868
MB 880-125936/5-B	Method Blank	Total/NA	Solid	8021B	125936
LCS 880-125936/1-A	Lab Control Sample	Total/NA	Solid	8021B	125936
LCSD 880-125936/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	125936
880-65854-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	125936
880-65854-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	125936

Prep Batch: 125868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-125868/5-B	Method Blank	Total/NA	Solid	5035	

Prep Batch: 125936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22393-1	CWS-5.2	Total/NA	Solid	5035	
MB 880-125936/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-125936/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-125936/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-65854-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-65854-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 126126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22393-1	CWS-5.2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 125837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22393-1	CWS-5.2	Total/NA	Solid	8015NM Prep	
MB 880-125837/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-125837/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-125837/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-65815-A-21-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-65815-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 125892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22393-1	CWS-5.2	Total/NA	Solid	8015B NM	125837
MB 880-125837/1-A	Method Blank	Total/NA	Solid	8015B NM	125837
LCS 880-125837/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	125837
LCSD 880-125837/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	125837
880-65815-A-21-B MS	Matrix Spike	Total/NA	Solid	8015B NM	125837
880-65815-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	125837

Analysis Batch: 126104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22393-1	CWS-5.2	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22393-1
SDG: AR257100

HPLC/IC

Leach Batch: 125791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22393-1	CWS-5.2	Soluble	Solid	DI Leach	
MB 880-125791/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-125791/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-125791/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-22392-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
820-22392-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 125823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22393-1	CWS-5.2	Soluble	Solid	300.0	125791
MB 880-125791/1-A	Method Blank	Soluble	Solid	300.0	125791
LCS 880-125791/2-A	Lab Control Sample	Soluble	Solid	300.0	125791
LCSD 880-125791/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	125791
820-22392-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	125791
820-22392-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	125791

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22393-1
SDG: AR257100

Client Sample ID: CWS-5.2

Date Collected: 12/03/25 15:40
Date Received: 12/04/25 15:42

Lab Sample ID: 820-22393-1

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			4.98 g	5 mL	125936	12/08/25 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125855	12/09/25 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126126	12/09/25 00:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			126104	12/09/25 05:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	125837	12/05/25 19:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125892	12/09/25 05:36	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	125791	12/05/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1			125823	12/05/25 20:38	CS	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: WDDU #88

Job ID: 820-22393-1
SDG: AR257100

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22393-1
SDG: AR257100

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: WDDU #88

Job ID: 820-22393-1
SDG: AR257100

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
820-22393-1	CWS-5.2	Solid	12/03/25 15:40	12/04/25 15:42	0.0 - 4.0

Released to Imaging: 4/15/2026 2:07:11 PM
Received by OCD: 2/10/2026 10:10:39 AM

~~Loc: 820~~
22393

CHAIN OF CUSTODY RECORD

terracon

Laboratory: Eurofins
Address: 6701 Aberdeen
Lubbock, Texas 79424
Phone: (806) 794-1296
Contact: Holly Taylor

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C): 11.2/11.0 IR4/0.2

Page 1 of 1

820-22393 Chain of Custody

Office Location: Lubbock, Texas
Project Manager: Chuck Smith
Sampler's Name: Daniel Pavelka
Sampler's Signature:
Project Number: AR257100
Project Name: WDDU #88

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth (FT)	End Depth (FT)	No. Type of Containers: 4 oz Glass	BTEX (EPA Method 8021B)	Chloride (EPA Method 300)	TPH 8015 extended	Lab Sample ID
S	12/3/25	15:40	X		CWS-5.2	0.0	4.0	1	Hold	X	Hold	

NFE

TURNAROUND TIME: ☐ Standard ☒ ~~48~~-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist: ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
	12/4/25	~~14~~ 10:45		12-4-25	10:45
	12-4-25	15:42		12/4/25	1542

Bill To: Scout Energy Management, LLC. Attn: Spencer Jackson
Address: 13800 Montfort Dr., Dallas, TX 75240. On Invoice
Reference AFE # 19309 and Incident No: NPAC0616632139

e-mail results to:
chuck.smith@terracon.com
joseph.guesnier@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge
Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other; Wipe

Eurofins Lubbock
6701 Aberdeen Ave. Suite 8
Lubbock, TX 79424
Phone: 806-794-1296

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 820-11422.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 820-22393-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 12/8/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: WDDU #88	Project #: 82001505			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
CWS-5.2 (820-22393-1)	12/3/25	15:40 Central	C	Solid			X	1	

Analysis Requested

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	12/4/25 1700		[signature]	12/5/25 0700	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0/1.9 -1 TR8

Ver: 10/10/2024

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Received by OCD: 2/10/2026 10:10:39 AM
12/9/2025 (Rev. 1)
Page 20 of 22
Released to Imaging: 4/15/2026 2:07:11 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22393-1
SDG Number: AR257100

Login Number: 22393
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: 820-22393-1
SDG Number: AR257100

Login Number: 22393
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 12/05/25 02:06 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	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Chuck Smith
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 1/13/2026 8:13:10 PM

JOB DESCRIPTION

WDDU #88
AR257100

JOB NUMBER

820-22986-1

Eurofins Lubbock
6701 Aberdeen Ave.
Suite 8
Lubbock TX 79424

See page two for job notes and contact information.

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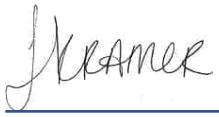
Eurofins Lubbock

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

Eurofins Lubbock

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD,and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments. QC data that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result. Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Coliform MCLs
· Based on the EPA primary drinking water standard MCL for total coliforms, a water supply is considered bacteriologically "SAFE" if no coliform bacteria are detected. To be considered "SAFE" your report should indicate "<1 cfu/100mL" or "NEG" for the coliform test. If you report indicates a positive result "POS" or a value greater than or equal to one, then your supply is "UNSAFE FOR DRINKING" contact your local health department.

Warranties, Terms, and Conditions
· Analyses for Field Parameters are performed by Eurofins Philadelphia field staff. Locations and certifications are identified on the Chain of Custody as follows:

ERF = field staff performs tests under NJ State certification # 02015.
VL = field staff performs tests under NJ State certification # 06005.
WG = field staff performs tests under NJ State certification # PA001, PA State certification # 48-01334.
H = field staff performs tests under NJ NELAP certification # PA093, PA NELAP certification # 46-05499.

· Test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.

· The report shall not be reproduced, except in full, without the written consent of the laboratory

· All samples are collected as "grab" samples unless otherwise identified.

· Reported results related only to the samples as tested. Eurofins Philadelphia is not responsible for sample integrity unless sampling has been performed by a member of our staff.

· Eurofins Philadelphia is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance.

· Eurofins' online data portal "TotalAccess" will provide you with real-time access to collection dates and testing results. Please contact Client Services for further information.

· The following personnel or their deputies have approved the results of the tests performed by Eurofins Philadelphia : Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).

Kramer

Released to Imaging: 4/15/2026 2:07:11 PM

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Laboratory Job ID: 820-22986-1
SDG: AR257100

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

Qualifiers

GC VOA

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

GC Semi VOA

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

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: WDDU #88

Job ID: 820-22986-1

Job ID: 820-22986-1 Eurofins Lubbock

Job Narrative
820-22986-1

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

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

Receipt
The samples were received on 1/9/2026 1:53 PM. 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: The continuing calibration verification (CCV) associated with batch 880-128721 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:(CCV 880-128721/50) and (CCV 880-128721/51).

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-9326-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 sample was outside control limits: (890-9326-A-1-D MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-128609 and analytical batch 880-128721 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-9353-A-4-D 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: (LCS 880-128832/2-A) and (LCSD 880-128832/3-A). 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-19 (820-22986-3) and CFS-20 (820-22986-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-128832 and analytical batch 880-128855 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

Client Sample ID: CFS-17

Lab Sample ID: 820-22986-1
Matrix: Solid
Date Collected: 01/08/26 11:05
Date Received: 01/09/26 13:53
Sample Depth: 4.0 - 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/26 08:50	01/13/26 12:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/26 08:50	01/13/26 12:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/26 08:50	01/13/26 12:55	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/13/26 08:50	01/13/26 12:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/26 08:50	01/13/26 12:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/26 08:50	01/13/26 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*01/13/26 08:50*	*01/13/26 12:55*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/13/26 08:50*	*01/13/26 12:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/26 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/12/26 22:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/09/26 10:24	01/12/26 22:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/09/26 10:24	01/12/26 22:32	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/09/26 10:24	01/12/26 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*01/09/26 10:24*	*01/12/26 22:32*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*01/09/26 10:24*	*01/12/26 22:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**181**		49.5		mg/Kg			01/12/26 13:49	5

Client Sample ID: CFS-18

Lab Sample ID: 820-22986-2
Matrix: Solid
Date Collected: 01/08/26 11:10
Date Received: 01/09/26 13:53
Sample Depth: 4.0 - 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/26 08:50	01/13/26 13:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/26 08:50	01/13/26 13:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/26 08:50	01/13/26 13:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/13/26 08:50	01/13/26 13:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/26 08:50	01/13/26 13:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/26 08:50	01/13/26 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*01/13/26 08:50*	*01/13/26 13:15*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

Client Sample ID: CFS-18

Lab Sample ID: 820-22986-2
Matrix: Solid
Date Collected: 01/08/26 11:10
Date Received: 01/09/26 13:53
Sample Depth: 4.0 - 4.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/13/26 08:50*	*01/13/26 13:15*	*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			01/13/26 13:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/12/26 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/09/26 10:24	01/12/26 22:46	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/09/26 10:24	01/12/26 22:46	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/09/26 10:24	01/12/26 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*01/09/26 10:24*	*01/12/26 22:46*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*01/09/26 10:24*	*01/12/26 22:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.9**		9.92		mg/Kg			01/12/26 14:11	1

Client Sample ID: CFS-19

Lab Sample ID: 820-22986-3
Matrix: Solid
Date Collected: 01/08/26 11:15
Date Received: 01/09/26 13:53
Sample Depth: 4.0 - 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/26 08:50	01/13/26 13:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/26 08:50	01/13/26 13:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/26 08:50	01/13/26 13:36	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/13/26 08:50	01/13/26 13:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/26 08:50	01/13/26 13:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/26 08:50	01/13/26 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*01/13/26 08:50*	*01/13/26 13:36*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*01/13/26 08:50*	*01/13/26 13:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/26 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**236**		49.9		mg/Kg			01/13/26 14:45	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

Client Sample ID: CFS-19

Lab Sample ID: 820-22986-3
Matrix: Solid
Date Collected: 01/08/26 11:15
Date Received: 01/09/26 13:53
Sample Depth: 4.0 - 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/26 08:17	01/13/26 14:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		01/13/26 08:17	01/13/26 14:45	1
Oil Range Organics (Over C28-C36)	**236**		49.9		mg/Kg		01/13/26 08:17	01/13/26 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*01/13/26 08:17*	*01/13/26 14:45*	*1*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*	*01/13/26 08:17*	*01/13/26 14:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**176**		49.9		mg/Kg			01/12/26 14:18	5

Client Sample ID: CFS-20

Lab Sample ID: 820-22986-4
Matrix: Solid
Date Collected: 01/08/26 11:20
Date Received: 01/09/26 13:53
Sample Depth: 4.0 - 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/13/26 08:50	01/13/26 13:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/13/26 08:50	01/13/26 13:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/13/26 08:50	01/13/26 13:56	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/13/26 08:50	01/13/26 13:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/13/26 08:50	01/13/26 13:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/13/26 08:50	01/13/26 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*01/13/26 08:50*	*01/13/26 13:56*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*01/13/26 08:50*	*01/13/26 13:56*	*1*

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			01/13/26 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**283**		49.9		mg/Kg			01/13/26 15:15	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		01/13/26 08:17	01/13/26 15:15	1
Diesel Range Organics (Over C10-C28)	**217**	***+**	49.9		mg/Kg		01/13/26 08:17	01/13/26 15:15	1
Oil Range Organics (Over C28-C36)	**65.5**		49.9		mg/Kg		01/13/26 08:17	01/13/26 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*01/13/26 08:17*	*01/13/26 15:15*	*1*

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

Client Sample ID: CFS-20
Date Collected: 01/08/26 11:20
Date Received: 01/09/26 13:53
Sample Depth: 4.0 - 4.5

Lab Sample ID: 820-22986-4
Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	131	S1+	70 - 130	01/13/26 08:17	01/13/26 15:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152		9.96		mg/Kg			01/12/26 14:25	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
820-22986-1	CFS-17	119	93
820-22986-2	CFS-18	118	93
820-22986-3	CFS-19	118	92
820-22986-4	CFS-20	119	94
890-9349-A-16-C MS	Matrix Spike	112	93
890-9349-A-16-D MSD	Matrix Spike Duplicate	115	90
LCS 880-128840/1-A	Lab Control Sample	112	93
LCSD 880-128840/2-A	Lab Control Sample Dup	114	92
MB 880-128840/5-A	Method Blank	109	90

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
820-22986-1	CFS-17	118	119
820-22986-2	CFS-18	112	107
820-22986-3	CFS-19	117	133 S1+
820-22986-4	CFS-20	113	131 S1+
890-9326-A-1-D MS	Matrix Spike	131 S1+	121
890-9326-A-1-E MSD	Matrix Spike Duplicate	164 S1+	156 S1+
890-9353-A-4-C MS	Matrix Spike	80	101
890-9353-A-4-D MSD	Matrix Spike Duplicate	64 S1-	79
LCS 880-128609/2-A	Lab Control Sample	93	81
LCS 880-128832/2-A	Lab Control Sample	102	131 S1+
LCSD 880-128609/3-A	Lab Control Sample Dup	94	82
LCSD 880-128832/3-A	Lab Control Sample Dup	106	135 S1+
MB 880-128609/1-A	Method Blank	116	116
MB 880-128832/1-A	Method Blank	93	93

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-128840/5-A
Matrix: Solid
Analysis Batch: 128828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128840

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/26 08:50	01/13/26 10:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/26 08:50	01/13/26 10:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/26 08:50	01/13/26 10:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/13/26 08:50	01/13/26 10:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/26 08:50	01/13/26 10:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/13/26 08:50	01/13/26 10:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*01/13/26 08:50*	*01/13/26 10:51*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/13/26 08:50*	*01/13/26 10:51*	*1*

Lab Sample ID: LCS 880-128840/1-A
Matrix: Solid
Analysis Batch: 128828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128840

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1077		mg/Kg		108	70 - 130		
Toluene			0.100	0.1013		mg/Kg		101	70 - 130		
Ethylbenzene			0.100	0.09989		mg/Kg		100	70 - 130		
m,p-Xylenes			0.200	0.1963		mg/Kg		98	70 - 130		
o-Xylene			0.100	0.09899		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 880-128840/2-A
Matrix: Solid
Analysis Batch: 128828

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128840

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1122		mg/Kg		112	70 - 130	4	35
Toluene			0.100	0.1057		mg/Kg		106	70 - 130	4	35
Ethylbenzene			0.100	0.1051		mg/Kg		105	70 - 130	5	35
m,p-Xylenes			0.200	0.2066		mg/Kg		103	70 - 130	5	35
o-Xylene			0.100	0.1045		mg/Kg		104	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 890-9349-A-16-C MS
Matrix: Solid
Analysis Batch: 128828

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 128840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0998	0.1047		mg/Kg		105	70 - 130		
Toluene	<0.00201	U	0.0998	0.09573		mg/Kg		96	70 - 130		

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

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

Lab Sample ID: 890-9349-A-16-C MS
Matrix: Solid
Analysis Batch: 128828

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 128840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.0998	0.09786		mg/Kg		98	70 - 130
m,p-Xylenes	<0.00402	U	0.200	0.1934		mg/Kg		97	70 - 130
o-Xylene	<0.00201	U	0.0998	0.09757		mg/Kg		98	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 890-9349-A-16-D MSD
Matrix: Solid
Analysis Batch: 128828

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 128840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.1159		mg/Kg		117	70 - 130	10	35
Toluene	<0.00201	U	0.0990	0.1083		mg/Kg		109	70 - 130	12	35
Ethylbenzene	<0.00201	U	0.0990	0.1105		mg/Kg		112	70 - 130	12	35
m,p-Xylenes	<0.00402	U	0.198	0.2179		mg/Kg		110	70 - 130	12	35
o-Xylene	<0.00201	U	0.0990	0.1094		mg/Kg		111	70 - 130	11	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

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

Lab Sample ID: MB 880-128609/1-A
Matrix: Solid
Analysis Batch: 128721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128609

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		01/09/26 10:24	01/12/26 15:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/09/26 10:24	01/12/26 15:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/09/26 10:24	01/12/26 15:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*01/09/26 10:24*	*01/12/26 15:31*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*01/09/26 10:24*	*01/12/26 15:31*	*1*

Lab Sample ID: LCS 880-128609/2-A
Matrix: Solid
Analysis Batch: 128721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128609

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	945.4		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1009		mg/Kg		101	70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

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

Lab Sample ID: LCS 880-128609/2-A
Matrix: Solid
Analysis Batch: 128721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128609

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	93		70 - 130
o-Terphenyl (Surr)	81		70 - 130

Lab Sample ID: LCSD 880-128609/3-A
Matrix: Solid
Analysis Batch: 128721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128609

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	953.1		mg/Kg		95	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1039		mg/Kg		104	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	82		70 - 130

Lab Sample ID: 890-9326-A-1-D MS
Matrix: Solid
Analysis Batch: 128721

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 128609

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	991	884.6		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1080	F2 F1	991	1267	F1	mg/Kg		19	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	131	S1+	70 - 130
o-Terphenyl (Surr)	121		70 - 130

Lab Sample ID: 890-9326-A-1-E MSD
Matrix: Solid
Analysis Batch: 128721

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 128609

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	<49.8	U	1000	823.9		mg/Kg		82	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1080	F2 F1	1000	1566	F2 F1	mg/Kg		49	70 - 130	21	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	164	S1+	70 - 130
o-Terphenyl (Surr)	156	S1+	70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

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

Lab Sample ID: MB 880-128832/1-A
Matrix: Solid
Analysis Batch: 128855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128832

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		01/13/26 08:17	01/13/26 06:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/26 08:17	01/13/26 06:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/26 08:17	01/13/26 06:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*01/13/26 08:17*	*01/13/26 06:49*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*01/13/26 08:17*	*01/13/26 06:49*	*1*

Lab Sample ID: LCS 880-128832/2-A
Matrix: Solid
Analysis Batch: 128855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1007		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1334	*+	mg/Kg		133	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*102*		*70 - 130*
o-Terphenyl (Surr)	*131*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-128832/3-A
Matrix: Solid
Analysis Batch: 128855

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128832

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1029		mg/Kg		103	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1377	*+	mg/Kg		138	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*106*		*70 - 130*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*

Lab Sample ID: 890-9353-A-4-C MS
Matrix: Solid
Analysis Batch: 128855

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 128832

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	854.0		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U *+	999	1112		mg/Kg		111	70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

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

Lab Sample ID: 890-9353-A-4-C MS
Matrix: Solid
Analysis Batch: 128855

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 128832

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	80		70 - 130
o-Terphenyl (Surr)	101		70 - 130

Lab Sample ID: 890-9353-A-4-D MSD
Matrix: Solid
Analysis Batch: 128855

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 128832

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	<49.8	U	999	760.5		mg/Kg		76	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	<49.8	U *+	999	995.3		mg/Kg		100	70 - 130	11	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	64	S1-	70 - 130
o-Terphenyl (Surr)	79		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-128707/1-A
Matrix: Solid
Analysis Batch: 128783

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			01/12/26 13:28	1

Lab Sample ID: LCS 880-128707/2-A
Matrix: Solid
Analysis Batch: 128783

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.3		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-128707/3-A
Matrix: Solid
Analysis Batch: 128783

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	254.6		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 820-22986-1 MS
Matrix: Solid
Analysis Batch: 128783

Client Sample ID: CFS-17
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	181		1240	1480		mg/Kg		105	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 820-22986-1 MSD
Matrix: Solid
Analysis Batch: 128783

Client Sample ID: CFS-17
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	181		1240	1469		mg/Kg		104	90 - 110	1	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

GC VOA

Analysis Batch: 128828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22986-1	CFS-17	Total/NA	Solid	8021B	128840
820-22986-2	CFS-18	Total/NA	Solid	8021B	128840
820-22986-3	CFS-19	Total/NA	Solid	8021B	128840
820-22986-4	CFS-20	Total/NA	Solid	8021B	128840
MB 880-128840/5-A	Method Blank	Total/NA	Solid	8021B	128840
LCS 880-128840/1-A	Lab Control Sample	Total/NA	Solid	8021B	128840
LCSD 880-128840/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	128840
890-9349-A-16-C MS	Matrix Spike	Total/NA	Solid	8021B	128840
890-9349-A-16-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	128840

Prep Batch: 128840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22986-1	CFS-17	Total/NA	Solid	5035	
820-22986-2	CFS-18	Total/NA	Solid	5035	
820-22986-3	CFS-19	Total/NA	Solid	5035	
820-22986-4	CFS-20	Total/NA	Solid	5035	
MB 880-128840/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-128840/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-128840/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9349-A-16-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9349-A-16-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 128884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22986-1	CFS-17	Total/NA	Solid	Total BTEX	
820-22986-2	CFS-18	Total/NA	Solid	Total BTEX	
820-22986-3	CFS-19	Total/NA	Solid	Total BTEX	
820-22986-4	CFS-20	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 128609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22986-1	CFS-17	Total/NA	Solid	8015NM Prep	
820-22986-2	CFS-18	Total/NA	Solid	8015NM Prep	
MB 880-128609/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-128609/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-128609/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9326-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9326-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 128721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22986-1	CFS-17	Total/NA	Solid	8015B NM	128609
820-22986-2	CFS-18	Total/NA	Solid	8015B NM	128609
MB 880-128609/1-A	Method Blank	Total/NA	Solid	8015B NM	128609
LCS 880-128609/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	128609
LCSD 880-128609/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	128609
890-9326-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	128609
890-9326-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	128609

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

GC Semi VOA

Prep Batch: 128832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22986-3	CFS-19	Total/NA	Solid	8015NM Prep	
820-22986-4	CFS-20	Total/NA	Solid	8015NM Prep	
MB 880-128832/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-128832/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-128832/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9353-A-4-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9353-A-4-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 128855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22986-3	CFS-19	Total/NA	Solid	8015B NM	128832
820-22986-4	CFS-20	Total/NA	Solid	8015B NM	128832
MB 880-128832/1-A	Method Blank	Total/NA	Solid	8015B NM	128832
LCS 880-128832/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	128832
LCSD 880-128832/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	128832
890-9353-A-4-C MS	Matrix Spike	Total/NA	Solid	8015B NM	128832
890-9353-A-4-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	128832

Analysis Batch: 128862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22986-1	CFS-17	Total/NA	Solid	8015 NM	
820-22986-2	CFS-18	Total/NA	Solid	8015 NM	
820-22986-3	CFS-19	Total/NA	Solid	8015 NM	
820-22986-4	CFS-20	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 128707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22986-1	CFS-17	Soluble	Solid	DI Leach	
820-22986-2	CFS-18	Soluble	Solid	DI Leach	
820-22986-3	CFS-19	Soluble	Solid	DI Leach	
820-22986-4	CFS-20	Soluble	Solid	DI Leach	
MB 880-128707/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-128707/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-128707/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-22986-1 MS	CFS-17	Soluble	Solid	DI Leach	
820-22986-1 MSD	CFS-17	Soluble	Solid	DI Leach	

Analysis Batch: 128783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22986-1	CFS-17	Soluble	Solid	300.0	128707
820-22986-2	CFS-18	Soluble	Solid	300.0	128707
820-22986-3	CFS-19	Soluble	Solid	300.0	128707
820-22986-4	CFS-20	Soluble	Solid	300.0	128707
MB 880-128707/1-A	Method Blank	Soluble	Solid	300.0	128707
LCS 880-128707/2-A	Lab Control Sample	Soluble	Solid	300.0	128707
LCSD 880-128707/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	128707
820-22986-1 MS	CFS-17	Soluble	Solid	300.0	128707
820-22986-1 MSD	CFS-17	Soluble	Solid	300.0	128707

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

Client Sample ID: CFS-17
Date Collected: 01/08/26 11:05
Date Received: 01/09/26 13:53

Lab Sample ID: 820-22986-1
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			5.01 g	5 mL	128840	01/13/26 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128828	01/13/26 12:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128884	01/13/26 12:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			128862	01/12/26 22:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	128609	01/09/26 10:24	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128721	01/12/26 22:32	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	128707	01/12/26 08:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	128783	01/12/26 13:49	CS	EET MID

Client Sample ID: CFS-18
Date Collected: 01/08/26 11:10
Date Received: 01/09/26 13:53

Lab Sample ID: 820-22986-2
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	128840	01/13/26 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128828	01/13/26 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128884	01/13/26 13:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			128862	01/12/26 22:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	128609	01/09/26 10:24	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128721	01/12/26 22:46	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	128707	01/12/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128783	01/12/26 14:11	CS	EET MID

Client Sample ID: CFS-19
Date Collected: 01/08/26 11:15
Date Received: 01/09/26 13:53

Lab Sample ID: 820-22986-3
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	128840	01/13/26 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128828	01/13/26 13:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128884	01/13/26 13:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			128862	01/13/26 14:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	128832	01/13/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128855	01/13/26 14:45	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	128707	01/12/26 08:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	128783	01/12/26 14:18	CS	EET MID

Client Sample ID: CFS-20
Date Collected: 01/08/26 11:20
Date Received: 01/09/26 13:53

Lab Sample ID: 820-22986-4
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	128840	01/13/26 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128828	01/13/26 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128884	01/13/26 13:56	SA	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

Client Sample ID: CFS-20

Date Collected: 01/08/26 11:20
Date Received: 01/09/26 13:53

Lab Sample ID: 820-22986-4

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			128862	01/13/26 15:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	128832	01/13/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128855	01/13/26 15:15	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	128707	01/12/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128783	01/12/26 14:25	CS	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: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

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: WDDU #88

Job ID: 820-22986-1
SDG: AR257100

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
820-22986-1	CFS-17	Solid	01/08/26 11:05	01/09/26 13:53	4.0 - 4.5
820-22986-2	CFS-18	Solid	01/08/26 11:10	01/09/26 13:53	4.0 - 4.5
820-22986-3	CFS-19	Solid	01/08/26 11:15	01/09/26 13:53	4.0 - 4.5
820-22986-4	CFS-20	Solid	01/08/26 11:20	01/09/26 13:53	4.0 - 4.5

Released to Imaging: 4/15/2026 2:07:11 PM
Received by OCD: 2/10/2026 10:10:39 AM

820-22986 COC

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: Eurofins
Address: 6701 Aberdeen
Lubbock, Texas 79424
Phone: (806) 794-1296
Contact: Holly Taylor

Office Location: Lubbock, Texas
Project Manager: Chuck Smith
Sampler's Name: Daniel Pavelka
Sampler's Signature:

Project Number: AR257100
Project Name: WDDU #88

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C): 6.0/6.1 IR1/ta1

Page 1 of 1

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth (FT)	End Depth (FT)	No. Type of Containers: 4 oz Glass	BTEX (EPA Method 8021B)	Chloride (EPA Method 300)	TPH 8015 extended	Lab Sample ID
S	1/8/26	11:05	X		CFS-17	4.0	4.5	1	X	X	X	
S	1/8/26	11:10	X		CFS-18	4.0	4.5	1	X	X	X	
S	1/8/26	11:15	X		CFS-19	4.0	4.5	1	X	X	X	
S	1/8/26	11:20	X		CFS-20	4.0	4.5	1	X	X	X	

NFE

TURNAROUND TIME ☐ Standard ☐ 48-Hour Rush ☐ 24-Hour Rush TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
	1/09/26	1353		1/9/26	1353

Bill To: Scout Energy Management, LLC. Attn: Spencer Jackson
Address: 13800 Montfort Dr., Dallas, TX 75240. On Invoice
Reference AFE # 19309 and Incident No: nPAC0616632139

e-mail results to:
chuck.smith@terracon.com
joseph.guesnier@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge
Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other Wipe

Released to Imaging: 4/15/2026 2:07:11 PM
Received by OCD: 2/10/2026 10:10:39 AM

Eurofins Lubbock
6701 Aberdeen Ave. Suite 8
Lubbock, TX 79424
Phone: 806-794-1296

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 820-11531.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 820-22986-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 1/13/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: WDDU #88	Project #: 82001505			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	300_ORGFM_28D/DI_LEACH/Chloride	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CFS-17 (820-22986-1)	1/8/26	11:05 Central	C	Solid			X	X	X	X	X	1	
CFS-18 (820-22986-2)	1/8/26	11:10 Central	C	Solid			X	X	X	X	X	1	
CFS-19 (820-22986-3)	1/8/26	11:15 Central	C	Solid			X	X	X	X	X	1	
CFS-20 (820-22986-4)	1/8/26	11:20 Central	C	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 1/9/26 1200	Company	Received by:	Date/Time: 1/12/26 1045	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3/2.2 -1 TRK

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22986-1
SDG Number: AR257100

Login Number: 22986
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: 820-22986-1
SDG Number: AR257100

Login Number: 22986
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 01/12/26 10:42 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 I
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, Scout Energy Management LLC.

Additional Scope Limitations

The development of this Closure Report is based upon information provided by Scout Energy Management LLC. 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 Scout Energy Management LLC. 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 Scout Energy Management LLC., 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 Scout Energy Management LLC., and Terracon. Any unauthorized distribution or reuse is at Scout Energy Management LLC., sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the proposal and Scout Energy Management LLC., 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 Scout Energy Management LLC., and all relying parties unless otherwise agreed in writing.

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 552061

QUESTIONS

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 552061
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nPAC0616632139**
Incident Name	**NPAC0616632139 WDDU #88 @ 30-025-12387**
Incident Type	**Oil Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-025-12387] WEST DOLLARHIDE DRINKARD UNIT #088**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	WDDU #88
Date Release Discovered	05/24/2006
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Corrosion | Flow Line - Production | Crude Oil | Released: 4 BBL | Recovered: 0 BBL | Lost: 4 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion | Flow Line - Production | Produced Water | Released: 96 BBL | Recovered: 0 BBL | Lost: 96 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 552061
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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: Chuck Smith Title: Terracon Consultant Email: Chuck.smith@terracon.com Date: 02/10/2026

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QUESTIONS (continued)

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 552061
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Estimate or Other
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 300 and 500 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 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	Low
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		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
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.		
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)	1210
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	82.8
GRO+DRO	(EPA SW-846 Method 8015M)	82.8
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		08/05/2024
On what date will (or did) the final sampling or liner inspection occur		08/09/2024
On what date will (or was) the remediation complete(d)		08/09/2024
What is the estimated surface area (in square feet) that will be reclaimed		1184
What is the estimated volume (in cubic yards) that will be reclaimed		44
What is the estimated surface area (in square feet) that will be remediated		1184
What is the estimated volume (in cubic yards) that will be remediated		89
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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QUESTIONS (continued)

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 552061
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112342028 LEA LAND 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
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Chuck Smith Title: Terracon Consultant Email: Chuck.smith@terracon.com Date: 02/10/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 552061
	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

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QUESTIONS (continued)

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 552061
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**540538**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**01/08/2026**
What was the (estimated) number of samples that were to be gathered	**4**
What was the sampling surface area in square feet	**800**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	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	3800
What was the total volume (cubic yards) remediated	1075
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	200
What was the total volume (in cubic yards) reclaimed	15
Summarize any additional remediation activities not included by answers (above)	On June 4, 2025, the Texas Railroad Commission issued Letter of Authorization (20250604-LOA-0042-Permit) in accordance with Texas Administration Code (TAC) Title 16, Part 1, Chapter 3.8 (Statewide Rule *), under the "Produced Water Beneficial Reuse Framework for Pilot Study Authorization dated January 8, 2024"., and the affected material was transported to the approved locations in Texas for reuse.

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 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: Chuck Smith Title: Terracon Consultant Email: Chuck.smith@terracon.com Date: 02/10/2026

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QUESTIONS (continued)

Operator:	OGRID:
SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	330949
	Action Number: 552061
	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

Operator:	OGRID:
SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	330949
	Action Number: 552061
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	4/15/2026