District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

1					OGRID				
Contact Nam	e			Contact T	elephone				
Contact emai	1			Incident #	Incident # (assigned by OCD)				
Contact maili	ng address			<u> </u>					
			Location	of Release S	ource				
Latitude				Longitude					
			(NAD 83 in dec	cimal degrees to 5 deci	mal places)				
Site Name				Site Type					
Date Release	Discovered			API# (if ap	plicable)				
Unit Letter	Section	Township	Range	Cou	nty				
Surface Owner				l Volume of		ne volumes provided below)			
Crude Oil		Volume Release		calculations of specific		overed (bbls)			
Produced	Water	Volume Release	d (bbls)		Volume Rec	overed (bbls)			
		Is the concentrate produced water	ion of dissolved c	hloride in the	Yes 1	No			
Condensat	te	Volume Release			Volume Rec	overed (bbls)			
Natural G	as	Volume Release	d (Mcf)		Volume Rec	overed (Mcf)			
Other (des	scribe)	Volume/Weight	Released (provide	e units)	Volume/Wei	ight Recovered (provide units)			
Cause of Rele	ease								

Received by OCD: 9/24/2025 10:08:28 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

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Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the respon	nsible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?		
☐ Yes ☐ No		
If YES, was immediate no	otice given to the OCD? By whom? To wh	nom? When and by what means (phone, email, etc)?
	Initial R	esponse
The responsible p	party must undertake the following actions immediated	y unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
l	s been secured to protect human health and	the environment.
_ `	•	likes, absorbent pads, or other containment devices.
	ecoverable materials have been removed an	•
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
Per 19.15.29.8 B. (4) NM	AC the responsible party may commence r	emediation immediately after discovery of a release. If remediation
has begun, please attach a	a narrative of actions to date. If remedial	efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and
		fications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have
failed to adequately investiga	ate and remediate contamination that pose a three	at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
and/or regulations.	1 a C-141 report does not reneve the operator of	responsibility for compliance with any other federal, state, or local laws
Printed Name:		Title:
Signature: Katherine P.	Purvis	
email:		Telephone:
OCD Only		
-		D .
Received by:		Date:



July 7, 2025

NMOCD District 2 Mike Bratcher Artesia, NM 88210

Re: Site Assessment, Remediation, and Closure Request

Folk State 11 Battery

GPS: Latitude 32.83371 Longitude -104.09593

UL "J", Sec. 17, T17S, R29E

Eddy County, NM

NMOCD Ref. No. nAPP2232679528

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment and conduct remediation activities for the release site known as the Folk State 11 Battery (Folk). Details of the release are summarized below:

Type of Release:	Crude Oil	Volume of Release:	27 bbls	
	Crude Oil	Volume Recovered:	25 bbls	
Source of Release:	Fitting Failure	Date of Release:	11/22/2022	
Was Immediate Notice Given?	Yes	If, Yes, to Whom?	Mike Bratcher, BLM	
Was a Watercourse Reached?	No	If Yes, Volume Impac	ting Watercourse: N/A	
Surface Owner:	Private	Mineral Owner:	Federal	
Surface Owner:	Private	Mineral Owner:	Federal	

Topo and Wetlands Maps are provided in Figures #2 and #4.

REGULATORY FRAMEWORK & SITE CHARACTERIZATION

Surface impacts from unauthorized releases of fluids or gases are generally regulated by the New Mexico Oil Conservation Division (NMOCD) in accordance with 19.15.29 of the New Mexico Administrative Code (NMAC). 19.15.29 NMAC establishes reporting, site assessment/characterization, remediation, closure, variance, and enforcement procedures. Table I of 19.15.29.12 NMAC determines the closure criteria for soils impacted by a release based on depth to groundwater and the following characteristics:

- Depth to Groundwater in the affected area 75-100'
- Method to determine DTW NM OSE
- Did the release impact groundwater or surface water No

Depth to groundwater information is provided in Appendix A.

What are the minimum distances between the closest lateral extents of the release and the following surface areas:

- A Continuously flowing watercourse or any other significant watercourse- > 5 Mile
- Any lakebed, sinkhole, or playa lake- 1-5 mi
- An occupied permanent residence, school, hospital, institution, or church->5 mi
- A spring or a private domestic fresh water well used by less than 5 households for domestic or stock watering purposes- 1-5 mi
- Any other fresh water well or spring- 1-5 mi
- Incorporated municipal boundaries or a defined municipal fresh water well field- 1-5 mi
- A wetland- 1-5 mi
- A subsurface mine- >5 mi
- An (non-karst) unstable area- >5 mi
- Categorize the risk of this well/site being in a karst area geology- Medium
- A 100-year floodplain- 1-5 mi
- Did the release impact areas not on an exploration, development, production, or storage site- No

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Eolian and piedmont deposits (Holocene to middle Pleistocene)—Interlayed eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits (QEP). The soil in this area is composed of Kimbrough-Stegall loams, with slopes ranging from 0 to 3 percent, according to the United States Department of Agriculture's Natural Resources Conservation Service. The drainage courses in this area are excessively drained.

The Soil Survey and FEMA Flood Map are provided in Appendix B. A Karst Map is provided in Figure #3.

INITIAL SITE ASSESSMENT

Another company had previously assessed and remediated this spill, and they had requested a deferral around one of the tanks. The NMOCD denied the request for a lack of delineation. They also noted staining in the open excavation pictures. After the denial, Spur passed this project onto us in hopes of obtaining closure.

We looked at the data and the report that was submitted. After reviewing the data and discussing the matter with Spur, it was decided to restart this remediation due to the staining that was left and the lack of delineation.

REMEDIATION ACTIVITIES

On April 25, 2025, Paragon mobilized personnel and equipment and began conducting remedial activities. We excavated the entire spill area to a depth of 4 feet BGS, with the exception of the area around tank 4, which was excavated to 9 feet BGS. The total square footage of the spill area was approximately 1700, and the east side area around tank 4 was estimated to be 63 square feet. We excavated approximately 264 C/Y of material.

Prior to obtaining confirmation samples, a notification was submitted to the NMOCD. The bottom samples represented no more than 200 sq/ft, and the sidewall samples were obtained every 50 feet. The results of this sampling event are in the following data table.

5-15-24 Confirmation Laboratory Results

Sample Date 5/15/24	Closure Criteria ≤50 mg/kg	Closure Criteria 510 mg/kg	Criteri	d Closure a 1,000 c/kg		Closure Criteria 10,000 mg/kg	
Sample ID	BTEX	Benzene	GRO	DRO	EXT	CHLORIDES	
C-1 4'	<0.300	<0.050	<10.0	<10.0	<10.0	288	
C-2 4'	<0.300	<0.050	<10.0	<10.0	<10.0	240	
C-3 4'	<0.300	<0.050	<10.0	<10.0	<10.0	256	
C-4 9'	<0.300	<0.050	<10.0	<10.0	<10.0	208	
C-5 4'	<0.300	<0.050	<10.0	<10.0	<10.0	240	
C+6 4'	<0.300	<0.050	<10.0	<10.0	<10.0	208	
C-7 4'	<0.300	<0.050	<10.0	<10.0	<10.0	208	
C-8 4'	<0.300	<0.050	<10.0	<10.0	<10.0	208	
C-9 4'	<0.300	<0.050	<10.0	<10.0	<10.0	288	
ESW - 1 '4'	<0.300	<0.050	<10.0	<10.0	<10.0	256	
ESW - 2 4'	<0.300	<0.050	<10.0	<10.0	<10.0	208	
ESW-3 4'	<0.300	<0.050	<10.0	30.8	<10,0	256	
ESW - 4 4'	<0.300	<0.050	<10.0	<10.0	<10.0	272	
ESW-5 4'	<0.300	<0.050	<10.0	<10.0	<10,0	256	
E5W - 6 9'	<0.300	<0.050	<10.0	1260	276	32	
NSW -1 4'	<0.300	<0.050	<10.0	<10.0	<10.0	240	
N5W -2 91	<0.300	<0.050	<10.0	181	39	32	
SSW - 1 4'	<0.300	<0.050	<10.0	<10.0	<10.0	240	
55W - 2 4'	<0.300	<0.050	<10.0	<10.0	<10,0	240	
SSW - 3 4'	<0.300	<0.050	<10.0	<10.0	<10.0	208	
55W - 4 '9'	<0.300	<0.050	<10.0	364	91.6	16	
WSW-1 4'	<0.300	<0.050	<10.0	<10.0	<10,0	240	
WSW - 2 4'	<0.300	<0.050	<10.0	<10.0	<10.0	256	
WSW-3 4"	<0.300	<0.050	<10.0	<10.0	<10.0	224	
W5W-4 4"	<0.300	<0.050	<10.0	<10.0	<10.0	240	
WSW-5 4'	<0.300	<0.050	<10.0	<10.0	<10.0	240	
WSW-6 9'	<0.300	<0.050	<10.0	<10.0	<10.0	16	

(ND) Analyte Not Detected

Laboratory data is attached in Appendix D

After receiving laboratory results, three of our sidewall samples were still above closure criteria, so we excavated an additional six inches horizontally from their respective areas. An additional notification was submitted to the NMOCD, and we re-sampled the aforementioned sidewalls. The results from this sampling event are presented in the following data table:

5-28-25 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 78')									
Sample Date 5/28/24		Closure Criteria 550 mg/kg	teria Criteria Criteria 1,000	Criteria Criteria 1,000		Criteria 1,000		Closure Criteria 10,000 mg/kg	
Sample ID	Depth (BG5)	BTEX	Benzene	GRO	DRO	EXT	CHLORIDES		
N5W-2	9'	ND	ND	ND-	ND	ND	128		
ESW-6	9'	ND	ND	ND	ND	ND	32		
5SW-4	9'	ND	ND	ND	ND	ND	96		

During the review of this closure report, it was discovered that backfill samples weren't obtained during the project's backfill activities. A sampling notification was submitted to the NMOCD, and on July 17, 2025, Paragon returned to the location and obtained three composite samples of the backfill.

7-17-25 Composite Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 78')										
Sample Date 7/17/24		Closure Criteria <50 mg/kg	Closure Criteria ≤10 mg/kg	teria Criteria 1,000			Closure Criteria 2,500 mg/kg	Closure Criteria 10,000 mg/kg		
Sample ID	Depth (BG5)	BTEX	Benzene	GRO	DRO	EXT	Total TPH	CHLORIDES		
Backfill 1	Composite	ND	ND	ND-	13.9	ND	13.9	48		
Backfill 2	Composite	ND	ND	ND-	37.2	16.7	53.9	32		
Backfill 3	Composite	ND	ND	ND	12.7	ND	12.7	32		

These laboratory analytical results showed that the confirmation soil samples were below NMOCD Closure Criteria. The excavated soils were loaded into trucks and transported to Lea Land, an NMOCD-approved waste disposal facility. After receiving laboratory analytical results below the closure criteria, the excavated areas were backfilled with "like" material obtained from a localized sand pit. The affected area was then contoured and machine-compacted to match the surrounding grade.

CLOSURE REQUEST

After careful review, Paragon requests that the incident, nAPP2232679528, be closed. Spur has complied with the applicable closure requirements outlined in Rule 19.15.19.12 NMAC.

If you have any questions or need additional information, don't hesitate to get in touch with Chris Jones by phone at (575) 631-6977 or by email.

Respectfully,

Tristan Jones
Project Coordinator

Paragon Environmental, LLC



Chris Jones

Environmental Professional Paragon Environmental, LLC



Attachments

Figures:

- 1- Site Map
- 2- Topographic Map
- 3- Karst Map
- 4- Wetlands Map
- 5- Confirmation Sample Maps

Appendices:

Appendix A- Referenced Water Surveys

Appendix B- Soil Survey and FEMA Flood Map

Appendix C- Email Notification & Photographic Documentation

Appendix D- Laboratory Reports

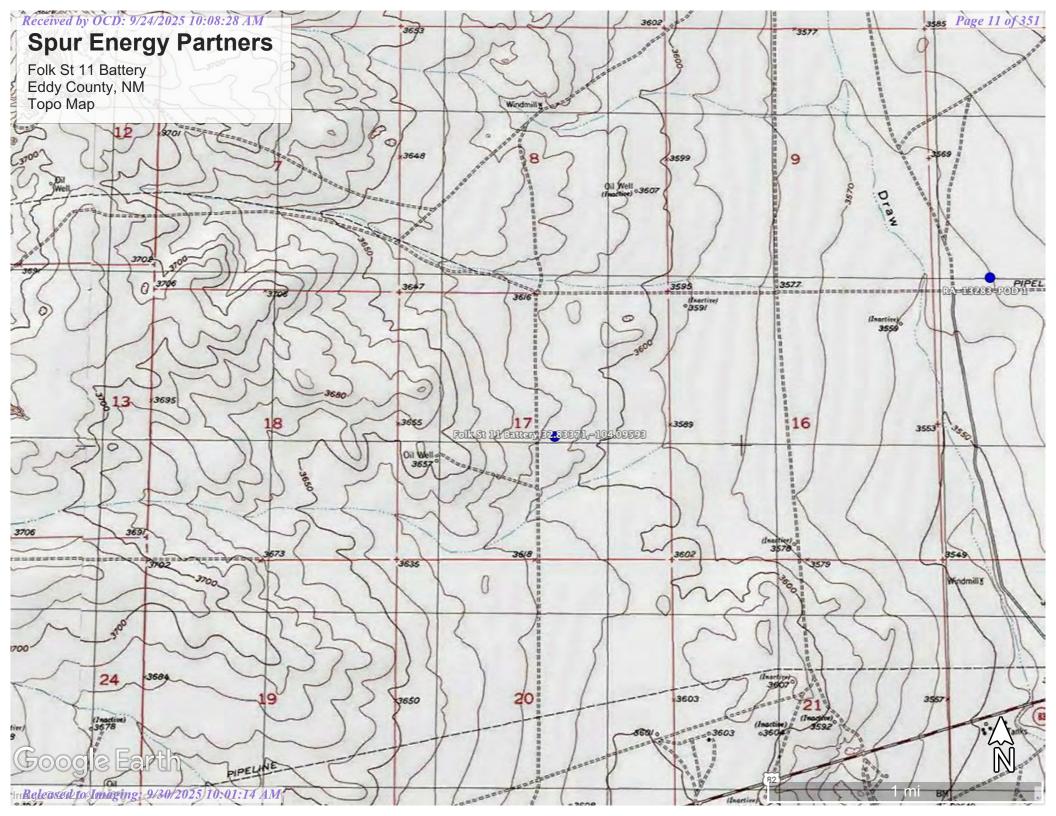
Appendix E- Previously Submitted Closure Report

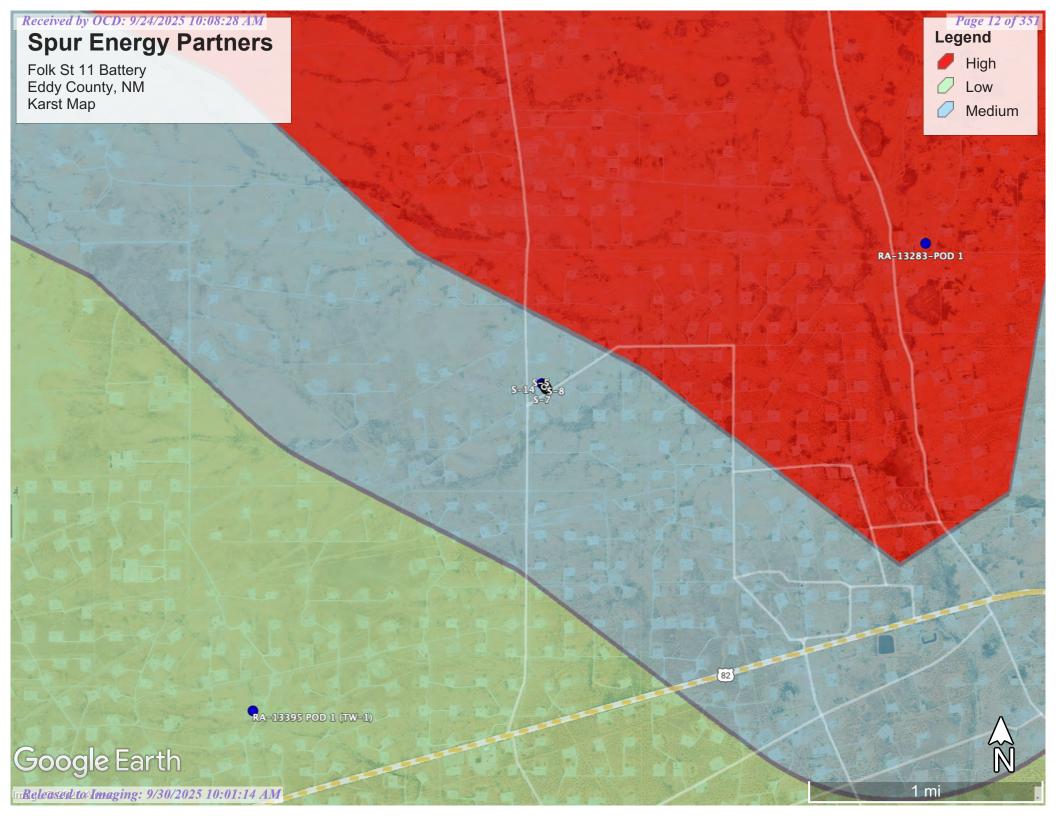


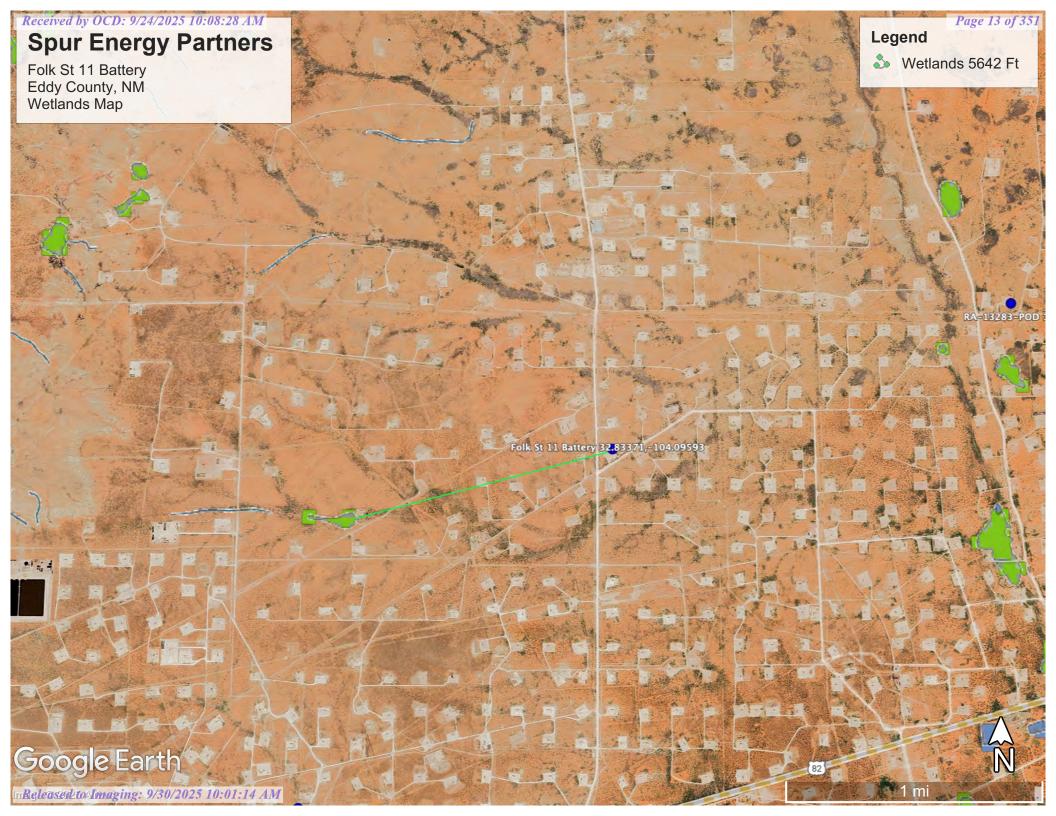
Figures:

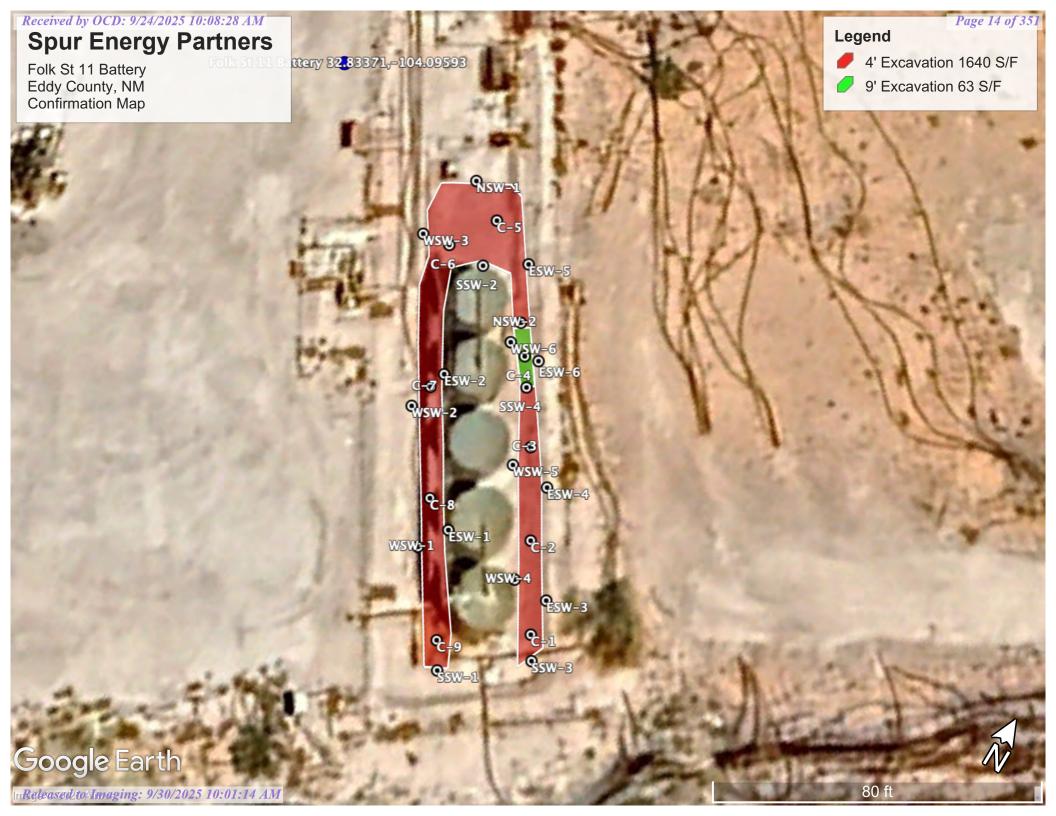
- 1- Site Map
- 2- Topo Map
- 3- Karst Map
- 4- Wetlands Map
- 5- Confirmation Map













Appendix A:

Referenced Water Data

Drilling Report

FOLK STATE #11 BATTERY DRILLING PHOTOS





Desert Sand Water Well Services, LLC.

Soil Bore Report

ofu	Customer:				Phone:		Date:			
Well In	ESS/Sp	ur Energ	y		575-390-6397 5/10/20					
	Well Name: Folk Sta				Location: 32.8336260, -10)4.0965154				
	DE	PTH								
	FROM	ТО	THICKNESS (feet)	COLOR	AND TYPE OF MATERIAL EN BEARING CAVITIES		CLUDE WATER			
	0	- 3	3		TOP SO	OIL				
	3	14	11		CHALE	CHE				
	14	20	6		RED SAND)/CLAY				
	20	30	10		RED SA	AND				
	30	78	48		ANHYDRITE / RED	SNAD / CLAY				
	STORY WATER	3. 3.								
				LEFT BORE HOLE OPEN FOR 48 HOURS. UPON RETURNING THE BORE WAS						
				STILL DRY AT 78'. PLUGGED BORE HOLE FROM THE BOTTOM UP						
		The state of the s		WITH 3/8 HOLE PLUG (BENTONITE CHIP).						
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Appendix B:

Soil Survey

U.S.D.A.

FEMA Flood Map

Eddy Area, New Mexico

KT—Kimbrough-Stegall loams, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4t Elevation: 2,750 to 5,000 feet

Mean annual precipitation: 8 to 16 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Kimbrough and similar soils: 70 percent Stegall and similar soils: 25 percent Minor components: 5 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Kimbrough

Setting

Landform: Alluvial fans, plains

Landform position (three-dimensional): Rise, talf

Down-slope shape: Linear, convex

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 3 inches: loam H2 - 3 to 9 inches: loam H3 - 9 to 60 inches: indurated

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 8 to 20 inches to petrocalcic

Drainage class: Well drained Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very low

to moderately low (0.00 to 0.06 in/hr) Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

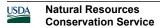
Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s



Hydrologic Soil Group: D

Ecological site: R070BC025NM - Shallow

Hydric soil rating: No

Description of Stegall

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 5 inches: loam
H2 - 5 to 28 inches: clay loam
H3 - 28 to 32 inches: indurated
H4 - 32 to 60 inches: variable

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 20 to 40 inches to petrocalcic

Drainage class: Well drained Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat): Low to

moderately high (0.01 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 90 percent Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0

mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 4.8 inches)

Interpretive groups

Land capability classification (irrigated): 3e Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: C

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 5 percent

Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 20, Sep 3, 2024



Received by OCD: 9/24/2025 10:08:28 AM National Flood Hazard Layer FIRMette



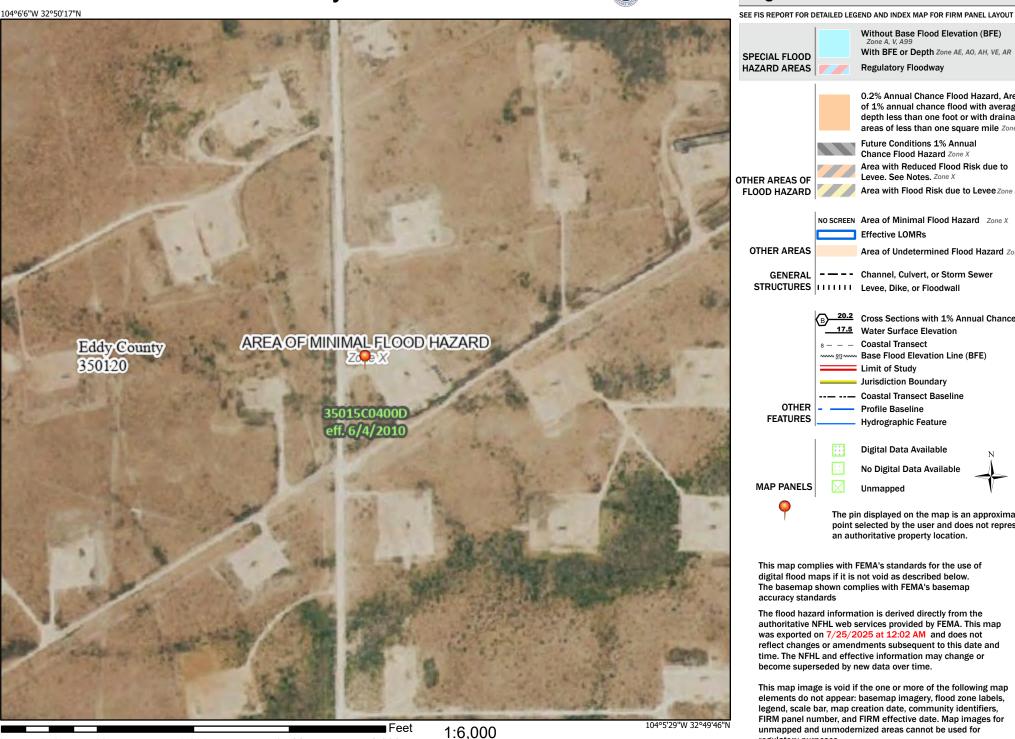


Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D **GENERAL** - - - Channel, Culvert, or Storm Sewer STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline** OTHER Profile Baseline **FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/25/2025 at 12:02 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.





Appendix C:

NMOCD Notification

Photographic Documentation



OCD Permitting

Home > Operator Data > Action Status > Action Search Results > Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID: 461209 **Districts:** Artesia

Operator:

[328947] Spur Energy Partners LLC

Counties: Eddy

Description:

Spur Energy Partners LLC [328947]

, FOLK STATE 11 BATTERY

, nAPP2232679528

Status:

Status Date:

APPROVED

References (0):

05/12/2025

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)

nAPP2232679528

Incident Name

NAPP2232679528 FOLK STATE 11 BATTERY @ 0

Incident Type

Oil Release

Incident Status

Initial C-141 Approved

Incident Facility

[fAPP2201051330] Folk State 11 Tank Battery

Location of Release Source

Site Name

Surface Owner

FOLK STATE 11 BATTERY

Date Release Discovered

11/22/2022 State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

1,600

What is the estimated number of samples that will be gathered

27

19.15.29.12 NMAC

05/15/2025

Time sampling will commence

08:00 AM

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers

Please provide any information necessary for navigation to sampling site

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

Angel Pena 575-605-0773

32.83371,-104.09593

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary:

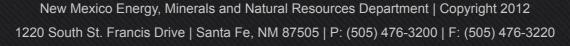
apena (5/12/2025), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons

No reasons found for this submission.

Go Back

Help





OCD Permitting

Home > Operator Data > Action Status > Action Search Results > Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID: 467009

Districts:

Operator:

[328947] Spur Energy Partners LLC

Counties: Eddy

Artesia

Description:

Spur Energy Partners LLC [328947]

, FOLK STATE 11 BATTERY

, nAPP2232679528

Status:

APPROVED

Status Date:

References (0):

05/23/2025

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)

nAPP2232679528

Incident Name

NAPP2232679528 FOLK STATE 11 BATTERY @ 0

Incident Type

Oil Release

Incident Status

Initial C-141 Approved

Incident Facility

[fAPP2201051330] Folk State 11 Tank Battery

Location of Release Source

Site Name

Surface Owner

FOLK STATE 11 BATTERY

Date Release Discovered

11/22/2022

State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

100

What is the estimated number of samples that will be gathered

3

19.15.29.12 NMAC

05/28/2025

Time sampling will commence

08:00 AM

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers

Please provide any information necessary for navigation to sampling site

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

Angel Pena 575-605-0773

32.83371,-104.09593

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary:

apena (5/23/2025), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons

No reasons found for this submission.

Go Back





OCD Permitting

Home > Operator Data > Action Status > Action Search Results > Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID: 484733 **Districts:** Artesia

Operator:

[328947] Spur Energy Partners LLC

Counties: Eddy

Description:

Spur Energy Partners LLC [328947] , FOLK STATE 11 BATTERY

, nAPP2232679528

07/14/2025

Status: **APPROVED**

References (0):

Status Date:

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#) nAPP2232679528

Incident Name

NAPP2232679528 FOLK STATE 11 BATTERY @ 0

Incident Type

Oil Release

Incident Status

Initial C-141 Approved [fAPP2201051330] Folk State 11 Tank Battery

Incident Facility

Location of Release Source

Site Name

Surface Owner

FOLK STATE 11 BATTERY

Date Release Discovered

11/22/2022 State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

600

What is the estimated number of samples that will be gathered Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 3

19.15.29.12 NMAC

07/17/2025

Time sampling will commence

08:00 AM

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers

Please provide any information necessary for navigation to sampling site

575-605-0773 Angel Pena 32.83371, -104.09593

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary:

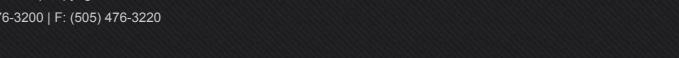
apena (7/14/2025), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

apena (7/14/2025), If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

Reasons

No reasons found for this submission.

Go Back



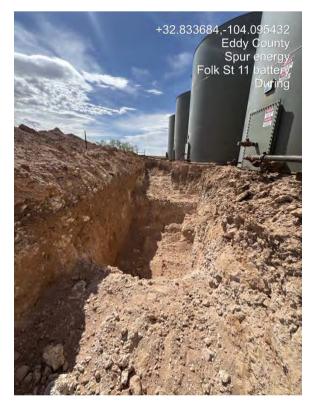


Photographic Documentation During



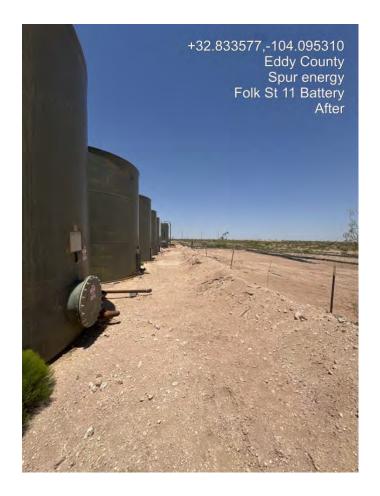






Completed









Appendix D:

Laboratory Results



July 10, 2025

CHRIS JONES
PARAGON ENVIROMENTAL
1601 N TURNER ST., STE 500
HOBBS, NM 88240

RE: FOLK STATE II BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/16/25 15:29.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited certif.html.

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

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

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

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

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C - 1 4'	H252986-01	Soil	15-May-25 00:00	16-May-25 15:29
C - 2 4'	H252986-02	Soil	15-May-25 00:00	16-May-25 15:29
C - 3 4'	H252986-03	Soil	15-May-25 00:00	16-May-25 15:29
C - 4 9'	H252986-04	Soil	15-May-25 00:00	16-May-25 15:29
C - 5 4'	H252986-05	Soil	15-May-25 00:00	16-May-25 15:29
C - 6 4'	H252986-06	Soil	15-May-25 00:00	16-May-25 15:29
C - 7 4'	H252986-07	Soil	15-May-25 00:00	16-May-25 15:29
C - 8 4'	H252986-08	Soil	15-May-25 00:00	16-May-25 15:29
C - 9 4'	H252986-09	Soil	15-May-25 00:00	16-May-25 15:29
NSW - 1 4'	H252986-10	Soil	15-May-25 00:00	16-May-25 15:29
WSW - 1 4'	H252986-11	Soil	15-May-25 00:00	16-May-25 15:29
WSW - 2 4'	H252986-12	Soil	15-May-25 00:00	16-May-25 15:29
WSW - 3 4'	H252986-13	Soil	15-May-25 00:00	16-May-25 15:29
WSW - 4 4'	H252986-14	Soil	15-May-25 00:00	16-May-25 15:29
WSW - 5 4'	H252986-15	Soil	15-May-25 00:00	16-May-25 15:29
ESW - 1 4'	H252986-16	Soil	15-May-25 00:00	16-May-25 15:29
ESW - 2 4'	H252986-17	Soil	15-May-25 00:00	16-May-25 15:29
ESW - 3 4'	H252986-18	Soil	15-May-25 00:00	16-May-25 15:29
ESW - 4 4'	H252986-19	Soil	15-May-25 00:00	16-May-25 15:29
ESW - 5 4'	H252986-20	Soil	15-May-25 00:00	16-May-25 15:29
SSW - 1 4'	H252986-21	Soil	15-May-25 00:00	16-May-25 15:29
SSW - 2 4'	H252986-22	Soil	15-May-25 00:00	16-May-25 15:29
SSW - 3 4'	H252986-23	Soil	15-May-25 00:00	16-May-25 15:29
WSW - 6 9'	H252986-24	Soil	15-May-25 00:00	16-May-25 15:29
NSW - 2 9'	H252986-25	Soil	15-May-25 00:00	16-May-25 15:29
ESW - 6 9'	H252986-26	Soil	15-May-25 00:00	16-May-25 15:29
SSW - 4 9'	H252986-27	Soil	15-May-25 00:00	16-May-25 15:29

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

07/10/25 - Client changed all samples from grab to composite (see COC). This is the revised report and will replace the one sent on 05/22/25.

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Reported:

10-Jul-25 17:28



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

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

C - 1 4' H252986-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	al Laborat	ories						
Inorganic Compounds											
Chloride	288		16.0	mg/kg	4	5051914	AC	19-May-25	4500-Cl-B		
Volatile Organic Compounds by I	EPA Method	8021									
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JН	19-May-25	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B		
Surrogate: 4-Bromofluorobenzene (PID)			99.7 %	71.5	-134	5051633	JH	19-May-25	8021B		
Petroleum Hydrocarbons by GC	FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B		
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B		
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B		
Surrogate: 1-Chlorooctane			80.8 %	44.4	-145	5051640	MS	19-May-25	8015B		
Surrogate: 1-Chlorooctadecane			75.6 %	40.6	-153	5051640	MS	19-May-25	8015B		

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Reported:

10-Jul-25 17:28



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

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

C - 2 4' H252986-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	ЈН	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		99.9 %	71.5-134		5051633	ЈН	19-May-25	8021B		
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			66.6 %	44.4	-145	5051640	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			61.8 %	40.6	-153	5051640	MS	19-May-25	8015B	

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Celey D. Keine



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

C - 3 4' H252986-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			98.8 %	71.5-134		5051633	JH	19-May-25	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			74.3 %	44.4	-145	5051640	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			70.4 %	40.6	-153	5051640	MS	19-May-25	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

C - 4 9' H252986-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	ЈН	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	ЈН	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5	-134	5051633	ЈН	19-May-25	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			70.1 %	44.4	-145	5051640	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			64.5 %	40.6	-153	5051640	MS	19-May-25	8015B	

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Reported:

10-Jul-25 17:28



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

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

C - 5 4' H252986-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	ЈН	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	ЈН	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		99.7 %	71.5	-134	5051633	JH	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			71.5 %	44.4	-145	5051640	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			66.9 %	40.6	-153	5051640	MS	19-May-25	8015B	

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Celey D. Keine

Reported:

10-Jul-25 17:28



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

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

C - 6 4' H252986-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JН	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		101 %	71.5	-134	5051633	JH	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			71.4 %	44.4	-145	5051640	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			67.3 %	40.6	-153	5051640	MS	19-May-25	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

C - 7 4' H252986-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JН	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		101 %	71.5	-134	5051633	ЈН	19-May-25	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051640	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			72.8 %	44.4	-145	5051640	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			69.5 %	40.6	-153	5051640	MS	19-May-25	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Reported:

10-Jul-25 17:28



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

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

C - 8 4' H252986-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.5 %	71.5	-134	5051633	ЈН	19-May-25	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			83.9 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			79.3 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

C - 9 4' H252986-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	288		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JН	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		99.4 %	71.5	-134	5051633	JH	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			84.0 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			79.8 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

NSW - 1 4' H252986-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5	-134	5051633	ЈН	19-May-25	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			80.6 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			77.8 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

WSW - 1 4' H252986-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JН	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JН	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JН	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JН	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		99.6 %	71.5	-134	5051633	JH	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			69.3 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			65.3 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

WSW - 2 4' H252986-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		99.9 %	71.5	-134	5051633	JH	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			81.3 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			77.8 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

WSW - 3 4' H252986-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	224		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		99.9 %	71.5	-134	5051633	JH	19-May-25	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			72.9 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			68.9 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

WSW - 4 4' H252986-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JН	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		100 %	71.5	-134	5051633	JH	19-May-25	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			82.6 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			78.0 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

WSW - 5 4' H252986-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.8 %	71.5	-134	5051633	ЈН	19-May-25	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			84.3 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			80.5 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

ESW - 1 4' H252986-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	ЈН	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JН	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		100 %	71.5	-134	5051633	JH	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			86.6 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			81.7 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

ESW - 2 4' H252986-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		99.5 %	71.5	-134	5051633	JH	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			88.3 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			84.7 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

ESW - 3 4' H252986-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		99.3 %	71.5	-134	5051633	JH	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	30.8		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			87.1 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			84.0 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Celey D. Keine



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

ESW - 4 4' H252986-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	272		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	ЈН	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		99.9 %	71.5	-134	5051633	ЈН	19-May-25	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			80.9 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			78.5 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

ESW - 5 4' H252986-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051633	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051633	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051633	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		100 %	71.5	-134	5051633	JH	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			74.1 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			69.3 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Reported:

10-Jul-25 17:28



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

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

SSW - 1 4' H252986-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	5051923	AC	19-May-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051905	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051905	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		104 %	71.5	-134	5051905	ЈН	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			70.5 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			65.8 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES Fax To:

Reported: 10-Jul-25 17:28

SSW - 2 4' H252986-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	5052006	KH	20-May-25	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051905	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051905	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		101 %	71.5	-134	5051905	ЈН	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			81.9 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			76.6 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

SSW - 3 4' H252986-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	5052006	KH	20-May-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051905	JН	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051905	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051905	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		102 %	71.5	-134	5051905	ЈН	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			75.8 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			70.5 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

WSW - 6 9' H252986-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	5052006	KH	20-May-25	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051905	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051905	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		102 %	71.5	-134	5051905	JH	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			73.3 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			68.1 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

NSW - 2 9' H252986-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	5052006	KH	20-May-25	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051905	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051905	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		106 %	71.5	-134	5051905	JH	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	181		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	39.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			79.0 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			79.8 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

ESW - 6 9' H252986-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	5052006	KH	20-May-25	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051905	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051905	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		106 %	71.5	-134	5051905	ЈН	19-May-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	1260		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	276		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			76.1 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			105 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

10-Jul-25 17:28

Reported:

SSW - 4 9' H252986-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	5052006	KH	20-May-25	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5051905	JH	19-May-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5051905	JH	19-May-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5051905	JH	19-May-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5	-134	5051905	ЈН	19-May-25	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
DRO >C10-C28*	364		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
EXT DRO >C28-C36	91.6		10.0	mg/kg	1	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctane			86.5 %	44.4	-145	5051641	MS	19-May-25	8015B	
Surrogate: 1-Chlorooctadecane			91.9 %	40.6	-153	5051641	MS	19-May-25	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN
Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5051914 - 1:4 DI Water	result	Limit	Omts	Level	Result	/VICEC	Limio	MD	Limit	110163
Blank (5051914-BLK1)				Prepared &	z Analyzed:	19-May-25				
Chloride Chloride	ND	16.0	mg/kg	115parea e	- 1 11101 y 2001	17 1.1ay 20				
LCS (5051914-BS1)				Prepared &	z Analyzed:	19-May-25	<u> </u>			
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (5051914-BSD1)				Prepared &	Analyzed:	19-May-25	i			
Chloride	448	16.0	mg/kg	400		112	80-120	7.41	20	
Batch 5051923 - 1:4 DI Water										
Blank (5051923-BLK1)				Prepared &	Analyzed:	19-May-25	i			
Chloride	ND	16.0	mg/kg							
LCS (5051923-BS1)				Prepared &	Analyzed:	19-May-25	i			
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (5051923-BSD1)				Prepared &	Analyzed:	19-May-25	i			
Chloride	432	16.0	mg/kg	400	·	108	80-120	3.77	20	
Batch 5052006 - 1:4 DI Water										
Blank (5052006-BLK1)				Prepared &	Analyzed:	20-May-25				
Chloride	ND	16.0	mg/kg							
LCS (5052006-BS1)				Prepared &	Analyzed:	20-May-25	i			
Chloride	432	16.0	mg/kg	400		108	80-120			

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

Inorganic Compounds - Quality Control

Cardinal Laboratories

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

Batch 5052006 - 1:4 DI Water

LCS Dup (5052006-BSD1)				Prepared & Analyzed: 2	20-May-25	;		
Chloride	416	16.0	mg/kg	400	104	80-120	3.77	20

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%REC

Limits

RPD

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240

Analyte

Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Spike

Level

Source

Result

%REC

107

106

107

97 1

81.4-134

81.4-133

81.5-134

71.5-134

3.16

3.03

3.12

Project Manager: CHRIS JONES

Fax To:

Reporting

Limit

Result

Reported: 10-Jul-25 17:28

RPD

Limit

16.2

16.7

Notes

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Units

Blank (5051633-BLK1)				Prepared: 16-Ma	y-25 Analyzed:	19-May-25			
Benzene	ND	0.050	mg/kg						
Toluene	ND	0.050	mg/kg						
Ethylbenzene	ND	0.050	mg/kg						
Total Xylenes	ND	0.150	mg/kg						
Total BTEX	ND	0.300	mg/kg						
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500	99.6	71.5-134			
LCS (5051633-BS1)				Prepared: 16-Ma	y-25 Analyzed:	19-May-25			
Benzene	2.12	0.050	mg/kg	2.00	106	76.3-129			
Toluene	2.17	0.050	mg/kg	2.00	109	84.1-129			
Ethylbenzene	2.10	0.050	mg/kg	2.00	105	80.1-133			
m,p-Xylene	4.15	0.100	mg/kg	4.00	104	81.4-134			
o-Xylene	2.05	0.050	mg/kg	2.00	103	81.4-133			
Total Xylenes	6.21	0.150	mg/kg	6.00	103	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0483		mg/kg	0.0500	96.6	71.5-134			
LCS Dup (5051633-BSD1)				Prepared: 16-Ma	y-25 Analyzed:	19-May-25			
Benzene	2.16	0.050	mg/kg	2.00	108	76.3-129	2.10	15.8	
Toluene	2.22	0.050	mg/kg	2.00	111	84.1-129	2.42	15.9	
Ethylbenzene	2.17	0.050	mg/kg	2.00	109	80.1-133	3.19	16	

Batch 5051905 - Volatiles

Surrogate: 4-Bromofluorobenzene (PID)

m,p-Xylene

Total Xylenes

o-Xylene

Blank (5051905-BLK1)		Prepared & Analyzed: 19-May-25	
Benzene	ND	0.050 mg/kg	
Toluene	ND	0.050 mg/kg	
Ethylbenzene	ND	0.050 mg/kg	
Total Xylenes	ND	0.150 mg/kg	

mg/kg

mg/kg

mg/kg

mg/kg

4.00

2.00

6.00

0.0500

0.100

0.050

0.150

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4.28

2.12

6.40

0.0486

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Celey D. Keene, Lab Director/Quality Manager

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%REC

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Spike

Source

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5051905 - Volatiles										
Blank (5051905-BLK1)				Prepared &	Analyzed:	19-May-2	5			
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0552		mg/kg	0.0500		110	71.5-134			
LCS (5051905-BS1)				Prepared &	: Analyzed:	19-May-2	5			
Benzene	2.14	0.050	mg/kg	2.00		107	76.3-129			
Toluene	2.11	0.050	mg/kg	2.00		106	84.1-129			
Ethylbenzene	2.11	0.050	mg/kg	2.00		105	80.1-133			
m,p-Xylene	4.37	0.100	mg/kg	4.00		109	81.4-134			
o-Xylene	2.17	0.050	mg/kg	2.00		109	81.4-133			
Total Xylenes	6.54	0.150	mg/kg	6.00		109	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0499		mg/kg	0.0500		99.8	71.5-134			
LCS Dup (5051905-BSD1)				Prepared &	: Analyzed:	19-May-2	5			
Benzene	2.19	0.050	mg/kg	2.00		109	76.3-129	2.26	15.8	
Toluene	2.14	0.050	mg/kg	2.00		107	84.1-129	1.25	15.9	
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	80.1-133	0.773	16	
m,p-Xylene	4.41	0.100	mg/kg	4.00		110	81.4-134	0.944	16.2	
o-Xylene	2.20	0.050	mg/kg	2.00		110	81.4-133	1.41	16.7	
Total Xylenes	6.61	0.150	mg/kg	6.00		110	81.5-134	1.10	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.6	71.5-134			

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5051640 - General Prep - Organics	100010	Zmit		25.51	1100011	,,,,,	Ziiii		2	1,000
Blank (5051640-BLK1)				Prepared: 1	16-May-25 A	Analyzed:	19-May-25			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	48.8		mg/kg	50.0		97.6	44.4-145			
Surrogate: 1-Chlorooctadecane	46.8		mg/kg	50.0		93.7	40.6-153			
LCS (5051640-BS1)				Prepared: 1	16-May-25 A	Analyzed:	19-May-25			
GRO C6-C10	214	10.0	mg/kg	200		107	81.5-123			
DRO >C10-C28	210	10.0	mg/kg	200		105	77.7-122			
Total TPH C6-C28	424	10.0	mg/kg	400		106	80.9-121			
Surrogate: 1-Chlorooctane	50.7		mg/kg	50.0		101	44.4-145			
Surrogate: 1-Chlorooctadecane	50.2		mg/kg	50.0		100	40.6-153			
LCS Dup (5051640-BSD1)				Prepared: 1	16-May-25 A	Analyzed:	19-May-25			
GRO C6-C10	209	10.0	mg/kg	200		104	81.5-123	2.41	13	
DRO >C10-C28	200	10.0	mg/kg	200		99.9	77.7-122	4.98	15.6	
Total TPH C6-C28	409	10.0	mg/kg	400		102	80.9-121	3.67	18.5	
Surrogate: 1-Chlorooctane	51.9		mg/kg	50.0		104	44.4-145			
Surrogate: 1-Chlorooctadecane	50.2		mg/kg	50.0		100	40.6-153			
Batch 5051641 - General Prep - Organics										
Blank (5051641-BLK1)				Prepared:	16-May-25 A	Analyzed:	19-May-25			
GRO C6-C10	ND	10.0	mg/kg	-	-	-				
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	50.0		mg/kg	50.0		100	44.4-145			
Surrogate: 1-Chlorooctadecane	48.1		mg/kg	50.0		96.3	40.6-153			

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%REC

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Spike

Source

Project Manager: CHRIS JONES

Fax To:

Reported: 10-Jul-25 17:28

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5051641 - General Prep - Organics										
LCS (5051641-BS1)				Prepared:	16-May-25	Analyzed:	19-May-25			
GRO C6-C10	210	10.0	mg/kg	200		105	81.5-123			
DRO >C10-C28	202	10.0	mg/kg	200		101	77.7-122			
Total TPH C6-C28	413	10.0	mg/kg	400		103	80.9-121			
Surrogate: 1-Chlorooctane	51.0		mg/kg	50.0		102	44.4-145			
Surrogate: 1-Chlorooctadecane	50.2		mg/kg	50.0		100	40.6-153			
LCS Dup (5051641-BSD1)				Prepared:	16-May-25	Analyzed:	19-May-25			
GRO C6-C10	207	10.0	mg/kg	200		103	81.5-123	1.58	13	
DRO >C10-C28	200	10.0	mg/kg	200		100	77.7-122	1.02	15.6	
Total TPH C6-C28	407	10.0	mg/kg	400		102	80.9-121	1.31	18.5	
Surrogate: 1-Chlorooctane	53.0		mg/kg	50.0		106	44.4-145			
Surrogate: 1-Chlorooctadecane	51.9		mg/kg	50.0		104	40.6-153			

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 37 of 40

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Para	Company Name: Paragon Environmental	BILL TO	- 1	
Project Manager: Chri	Chris Jones	P.O.#:	ANALTSIS REQUEST	
Address: 1601 N. Turner St.,	urner St., Ste 500	Company: SPUR		_
city: Hobbs	State: NM zip: 88240			_
Phone #: 575-964-7814	Fax #:	Address:		
Project #:	Project Owner:	City:		_
Project Name: Folk	State 11 Satery	State: Zip:	5	
Project Location: Eddy	County	*	76.	_
Sampler Name: Francisco	risco Retheredo	Fax #:	_	_
FOR LAB USE ONLY	- 11	PRESERV. SAMPLING	X	_
	Sample I.D. AB OR (C)OMP. INTAINERS UNDWATER TEWATER	/BASE: COOL ER:	BTE CHLO	
1-3 Opposit	# C GR WA SO OIL	ACI ICE OTI DATE	TIME	
2000		2777		
3 0-3	<u></u>			
h-2	۷,			
5-5				
70				
8 6-8	<u></u>			
10 NSW -	1			
PLEASE NOTE: Liability and Darmages. Cardinal's liability and analyses. All claims including those for negligence and any oth service. In no event shall Cardinal be liable for incidental or cor service. In no event shall Cardinal be liable for incidental or cor stillates or successors strising out of or related to the newtowns.	client's exclusive reme er cause whatsoever st isequental damages, in	ct or torf, shall be limited to the amount paid by the client for the nd received by Cardinal within 30 days after completion of the a loss of use, or loss of profits incurred by client, its subsidiaries	paid by the client for the filter completion of the applicable by client, its subsidiaries,	L
Relinquished By:	Date: Received By: 5 10-35 Time:	Pho Fax	Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #:	
Relinquished By:	Date: Received By:	700	Release Date 11/22/22	
	Time:		# FAPP 02 0105 1330	_
Sampler - UPS - Bus - Other:	\$20-32 Sample Co	CHECKED BY:	& Customer requested changes.	_
	No No No	F	Jal25	_



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental	BILL TO	ANALYSIS DECLIEST
Project Manager: Chris Jones		Trado Arecora
Address: 1601 N. Turner St., Ste 500	Company: (f	
	Attn:	
	Address:	
Project #: Project Owner:	City:	
Project Name: (Zip	
Project Location: 11	14	
Sampler Name: 4	T.	
-18	Fax#:	
	X	
GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE/COOL OTHER: DATE TIME TIME	
19 War 2 4' 1 1	5/15	
13 way - 3 d'		
wow-5		
10 Esu-1 91		
Esu-3		
F54-4		
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or	tort shall be limited to the amount paid by the client for the	
dnal be flable for incidental or consequental damages, including would of or related to the performance of services hereunder by Car	exerved by Cardinal within 30 days after completion of the applicable to 0 use, or loss of profits incurred by dentit, its subsidiaries, based upon any of the above stated reasons or otherwise.	
0	ult: □ Yes □ No	Add'I Phone #: Add'I Fax #:
Relinquished By: Time:	* Customer regu	uster Changes.
Sampler - UPS - Bus - Other: -3-5-/#148 Sample Condition	n CHECKED BY: (Initials)	Unles
se fax written chang	75) 393-2326	
	The state of the s	

Page 39 of 40



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental	BILL TO ANALYSIS R	RECHEST
Project Manager: Chris Jones		SEGOEO!
Address: 1601 N. Turner St., Ste 500	Company: If	
city: Hobbs state: NM zip: 88240	Attn:	
	Address:	
Project #: Project Owner:	City:	
Project Name: "	State: Zin:	
Project Location: 11	Hi.	
Sampler Name: 11	7	_
18	Fax #:	
FOR LAB USE DNLY	PRESERV. SAMPLING	
Lab I.D. Sample I.D. B OR (C)OMP TAINERS NDWATER EWATER	ASE:	
(G)RAB	ATE TIME	
22 SSW-2 41		
mem a		
1,5 9-msg De		
4		
PLEASE NOTE: Linbility and Damages. Caudinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount out by the client for the	tract or tort, shall be limited to the amount outd by the others for the	
Relinquished By: Date: Received By:	aim is based upon any of the above stated reasons or otherwise. Phone Result: Yes No Add'l Phone #:	
Relinquished By: Time: Time:	or suguestic	o thouses
Sampler - UPS - Bus - Other: -2.5 # UD Sample Condition Cool Intact Cool Intac	tion CHECKED BY: (Initials)	7/9/25
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2328	o (575) 393-2326	

Page 40 of 40



June 10, 2025

CHRIS JONES
PARAGON ENVIROMENTAL
1601 N TURNER ST., STE 500
HOBBS, NM 88240

RE: FOLK STATE II BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/09/25 15:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL CHRIS JONES 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Fax To:

Received: 06/09/2025 Reported: 06/10/2025

Project Name: FOLK STATE II BATTERY

Project Number: NOT GIVEN

Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/28/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: NSW - 2 9' (H253425-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2025	ND	2.08	104	2.00	9.90	
Toluene*	<0.050	0.050	06/09/2025	ND	2.26	113	2.00	9.23	
Ethylbenzene*	<0.050	0.050	06/09/2025	ND	2.11	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/09/2025	ND	6.33	106	6.00	9.49	
Total BTEX	<0.300	0.300	06/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/10/2025	ND	480	120	400	6.90	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2025	ND	202	101	200	2.02	
DRO >C10-C28*	<10.0	10.0	06/09/2025	ND	192	96.1	200	5.46	
EXT DRO >C28-C36	<10.0	10.0	06/09/2025	ND					
Surrogate: 1-Chlorooctane	89.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.0	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL **CHRIS JONES** 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Fax To:

Received: 06/09/2025

Sampling Date:

05/28/2025

Reported: Project Name: 06/10/2025

Sampling Type:

Soil

RTFY 8021R

FOLK STATE II BATTERY

Sampling Condition: Sample Received By: Cool & Intact Alyssa Parras

Project Number:

NOT GIVEN

Project Location:

SPUR - EDDY COUNTY

Sample ID: ESW - 6 9' (H253425-02)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2025	ND	2.08	104	2.00	9.90	
Toluene*	<0.050	0.050	06/09/2025	ND	2.26	113	2.00	9.23	
Ethylbenzene*	<0.050	0.050	06/09/2025	ND	2.11	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/09/2025	ND	6.33	106	6.00	9.49	
Total BTEX	<0.300	0.300	06/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/10/2025	ND	480	120	400	6.90	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2025	ND	202	101	200	2.02	
DRO >C10-C28*	<10.0	10.0	06/09/2025	ND	192	96.1	200	5.46	
EXT DRO >C28-C36	<10.0	10.0	06/09/2025	ND					
Surrogate: 1-Chlorooctane	89.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.1	% 40.6-15	3						

Applyzod By: 14

Cardinal Laboratories

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Celeg D. Freene



Analytical Results For:

PARAGON ENVIROMENTAL **CHRIS JONES** 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Fax To:

Received: 06/09/2025 Reported:

Sampling Date:

05/28/2025

Project Name:

06/10/2025

Sampling Type:

Soil

BTEX 8021B

FOLK STATE II BATTERY

Sampling Condition: Sample Received By: Cool & Intact Alyssa Parras

Project Number:

NOT GIVEN

mg/kg

Project Location:

SPUR - EDDY COUNTY

Sample ID: SSW - 4 9' (H253425-03)

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2025	ND	2.08	104	2.00	9.90	
Toluene*	<0.050	0.050	06/09/2025	ND	2.26	113	2.00	9.23	
Ethylbenzene*	<0.050	0.050	06/09/2025	ND	2.11	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/09/2025	ND	6.33	106	6.00	9.49	
Total BTEX	<0.300	0.300	06/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/10/2025	ND	480	120	400	6.90	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2025	ND	202	101	200	2.02	
DRO >C10-C28*	<10.0	10.0	06/09/2025	ND	192	96.1	200	5.46	
EXT DRO >C28-C36	<10.0	10.0	06/09/2025	ND					
Surrogate: 1-Chlorooctane	89.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.3	% 40.6-15	3						

Analyzed By: JH

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

Sampler - UPS - Bus - Other:

Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

Delivered By: (Circle One)

C+0.3

Sample Condition
Cool Infact
Yes Yes
No No

CHECKED BY:



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental Project Manager: Chris Jones city: Hobbs Address: 1601 N. Turner St., Ste 500 Phone #: 575-964-7814 Project Name: F9/ Sampler Name: Project Location: Sens sel FOR LAB USE ONLY Lab I.D. Relinquished B EASE NOTE: List Ne 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Sample I.D. Project Owner: Fax #: State: NM Time: 1553 Date: J. G.as Time: zip: 88240 (G)RAB OR (C)OMP Received By: # CONTAINERS GROUNDWATER MATRIX SOIL OIL SLUDGE P.O. #: City: State: Company: 5 (0) Address: Phone #: Fax #: OTHER PRESERV ACID/BASE BILL TO OTHER DATE DATE SAMPLING Fax Result: REMARKS: TIME Phone Result: 2411-Aush tion of the applicable NAPP 223 7679528 ☐ Yes ☐ No Add'l Phone#: ANALYSIS REQUEST



July 23, 2025

CHRIS JONES
PARAGON ENVIROMENTAL
1601 N TURNER ST., STE 500
HOBBS, NM 88240

RE: FOLK STATE II BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/17/25 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL **CHRIS JONES** 1601 N TURNER ST., STE 500 HOBBS NM, 88240

Fax To:

Received: 07/17/2025 Reported: 07/23/2025

Project Name: FOLK STATE II BATTERY

Project Number: NONE GIVEN

Project Location: SPUR - EDDY COUNTY Sampling Date: 07/17/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: BACKFILL - 1 (H254318-01)

DTEV 0021D

BTEX 8021B	mg/	kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2025	ND	2.00	99.8	2.00	0.330	
Toluene*	<0.050	0.050	07/20/2025	ND	2.05	102	2.00	0.596	
Ethylbenzene*	<0.050	0.050	07/20/2025	ND	2.03	101	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/20/2025	ND	5.94	99.0	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/21/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2025	ND	194	97.0	200	1.96	
DRO >C10-C28*	13.9	10.0	07/19/2025	ND	215	107	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	07/19/2025	ND					
Surrogate: 1-Chlorooctane	83.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.2	% 40.6-15	3						

Applyand By 14

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL **CHRIS JONES** 1601 N TURNER ST., STE 500 HOBBS NM, 88240

Fax To:

Received: 07/17/2025 Sampling Date: 07/17/2025

Reported: 07/23/2025 Sampling Type: Soil

Project Name: FOLK STATE II BATTERY Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

SPUR - EDDY COUNTY Project Location:

Sample ID: BACKFILL - 2 (H254318-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2025	ND	2.00	99.8	2.00	0.330	
Toluene*	<0.050	0.050	07/20/2025	ND	2.05	102	2.00	0.596	
Ethylbenzene*	<0.050	0.050	07/20/2025	ND	2.03	101	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/20/2025	ND	5.94	99.0	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/21/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2025	ND	194	97.0	200	1.96	
DRO >C10-C28*	37.2	10.0	07/19/2025	ND	215	107	200	1.44	
EXT DRO >C28-C36	16.7	10.0	07/19/2025	ND					
Surrogate: 1-Chlorooctane	79.4	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	77.3	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL **CHRIS JONES** 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Fax To:

Received: 07/17/2025 Sampling Date: 07/17/2025

Reported: 07/23/2025 Sampling Type: Soil

Project Name: FOLK STATE II BATTERY Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: SPUR - EDDY COUNTY

Sample ID: BACKFILL - 3 (H254318-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2025	ND	2.00	99.8	2.00	0.330	
Toluene*	<0.050	0.050	07/20/2025	ND	2.05	102	2.00	0.596	
Ethylbenzene*	<0.050	0.050	07/20/2025	ND	2.03	101	2.00	1.40	
Total Xylenes*	<0.150	0.150	07/20/2025	ND	5.94	99.0	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/21/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2025	ND	194	97.0	200	1.96	
DRO >C10-C28*	12.7	10.0	07/19/2025	ND	215	107	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	07/19/2025	ND					
Surrogate: 1-Chlorooctane	80.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.6	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476	476	ANALYSIS REQUEST
Company Name: Paragon Environmental		- 1
Project Manager: Chris Jones		
t, s		nestry
city: Hobbs State: NM	zip: 88240	
Phone #: 575-964-7814 Fax #:	Address:	
Project #: Project Owner:	Owner: City:	
Project Name: Folk ST 11 Bottery	State: Zip:	
Project Location: Eddy County	Phone #:	
Sampler Name: Transice Toblelo	Fax #:	
	S ER	2 H
Lab I.D. Sample I.D.	(G)RAB OR (C) # CONTAINER GROUNDWAT WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	B70
) Bachfill - 1	C	
3 But-111-3	~	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive transparent, analyzes, All claims including those for negligence and any other cause whatever analyzes, All claims including those for negligence and any other cause whatever analyzes.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive temedy for any daim arising whether based in contract or tort, shall be limited to the amount paid by the client for the applicable analyses. All daims including those for negligence and any other cause whatsoever shall be deemed waived unless rade in writing and received by Cardinal within 30 days after completion of the applicable analyses. All daims including those for negligence and any other cause whatsoever shall be deemed waived unless raded in writing and received by Cardinal within 30 days after completion of the applicable.	ount paid by the client for the lays after completion of the applicable rred by client, its subsidiaries.
Relinquished By:	es hereunder by Cardinal, regardless of whether such dalim is based upon any of the above stated re-	Phone Result:
Relinquished By: Time:	Received By:	napp 223267 9528
Delivered By: (Circle One) Wat / 1903	Sample Con Cool Intac	
Sampler - UPS - Bus - Ourer U. 74		



Appendix E:

Previously Submitted Report



February 12, 2025

Spur Energy Partners 2407 Pecos Ave Artesia NM, 88210

Attn: Ms. Brittany Hall

New Mexico Oil Conservation Division

1220 South St. Francis Drive Santa Fe, New Mexico, NM 87505

RE: OCD Closure Denial Response and Amended Deferral Report

Folk State 11 Battery Unit J, Section 17, Township 17 South, Range 29 East 32.83371 °, -104.09593°

Eddy County, New Mexico NMOCD No. nAPP2232679528 Terracon Project No. KH227025

To Whom It May Concern:

Terracon Consultants, Inc. (Terracon) is pleased to submit this amended deferral report on behalf of Spur Energy Partners (Spur Energy) to the New Mexico Oil and Gas Conservation Division (NMOCD). This amended deferral report is being submitted in response to NMOCD's July 15, 2024, email denial of the October 12, 2023, Release Investigation and Deferral Request prepared by Terracon.

The NMOCD rejected the submitted application ID #357223 for approval of the release notification and corrective action (C141), for incident ID # nAPP2232679528 for the following reasons:

• Pursuant to 19.15.29.11 A. (2) NMAC, The responsible party must determine the depth to groundwater where the release occurred. If the exact depth to groundwater is unknown, the responsible party must provide a reasonable determination of probable ground water depth using data generated by numeric models, cathodic well lithology, water well data, published information or other tools as approved by the appropriate division district office. If the responsible party uses water well data, the responsible party must provide all pertinent well information. The report does not contain any pertinent well information. Additionally, OCD did not find the exploratory well located 0.10 miles west of the site on the NMOSE website as indicated in the report and as illustrated on Appendix A, Exhibit 3.

Response: Spur contracted Desert Sand Water Well Services to complete an exploratory boring at the site on May 10, 2020. The GPS location of the borehole is 32.8336260, -104.0965154, which is located approximately 350 feet west of the Folk 11 tank battery. The boring was advanced to 78 feet below ground surface (bgs). The boring was allowed to remain open for 48 hours and was found to be "dry", with no



groundwater recovery. This information was provided to NMOCD on May 20, 2021. The boring log, site map, and photo documentation with NMOCD received stamp is attached in Appendix A

• The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided in the submission. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater.

Response: Spur contracted Desert Sand Water Well Services to complete an exploratory boring at the site on May 10, 2020. The GPS location of the borehole is 32.8336260, -104.0965154, which is located approximately 350 feet west of the Folk 11 tank battery. The boring was advanced to 78 feet below ground surface (bgs). The boring was allowed to remain open for 48 hours and was found to be "dry", with no groundwater recovery. This information was provided to NMOCD on May 20, 2021. The boring log, site map, and photo documentation with NMOCD received stamp is attached in Appendix A

 Deferral cannot be approved as the contamination is not fully delineated pursuant to <u>19.15.29.12</u> C.(2) NMAC. Horizontal delineation will need to be completed east/northeast of the area to be requested for deferral.

Response: Terracon returned to the site on August 21, 2024, and collected three additional horizontal delineation samples (E-1 (1'), NE-1 (1'), and SE-1 (1'). The samples were submitted for Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) (EPA Method 8021B), Chlorides (EPA Method 300), and Total Petroleum Hydrocarbons (TPH) (EPA Method 8015M). The analytical results from the laboratory show that BTEX and TPH were reported below the laboratory detection limits at each of the three delineation sample locations. The laboratory reported Chloride concentrations at the analytical reporting limit of 16 mg/kg at each of the three delineation sample locations, which is well below the applicable NMOCD closure criteria. A Delineation Sample Location Map depicting the delineation sample locations and analytical results is included in Appendix A, Exhibit 2. Delineation sample analytical results are included in Appendix A, Exhibit 3, Table 1. The laboratory analytical Report and Chain of Custody is included in Appendix A, Exhibit 4. As shown in the attached table and maps, the additional sampling has completed delineation to the east/northeast as requested.



Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1). (a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1). (a) NMAC. The samples listed on Tables 1 & 2 are identified as "confirmation evaluation" samples yet none of the samples listed on these tables were collected on the dates indicated as the sampling date on the two C-141N applications submitted. If additional sampling notifications were submitted via email as instructed prior to the digital C-141 release date (12/1/2023), those emails will need to be included in the next submission otherwise all confirmation samples may not be accepted for remediation closure.

Response: Incident #napp2232679528 occurred on 11-22-2022. Remediation at the site took place in August 2023. Terracon retroactively notified the OCD of the sampling event on 10-18-23 through 10-31-23 and 12-21-23, informing that sampling events had already occurred. Terracon submitted a sampling notification for 2-10-2025 in which confirmation samples were collected. A Confirmation Sample Map depicting the confirmation sample locations and analytical results is included in Appendix A, Exhibit 3. Confirmation sample analytical results are included in Appendix A, Exhibit 4, Table 2&3. Terracon is aware of NMOCD's requirements for prior notification, we have discussed this with our project teams and have incorporated the required prior notification into our workflow for future projects.

Conclusion

Delineation and remediation of soil outside the immediate area occupied by active production equipment has been completed as described in Terracon's May 31, 2024, Release Investigation report. Additional delineation has been completed to the east/northeast of the site defining the extent of impacts in that direction. The remaining soil impacted above NMOCD closure criteria is located immediately under and around active production equipment and cannot be safely accessed at this time. Therefore, Spur Energy Partners respectfully requests deferral of remediation for incident ID # nAPP2232679528 that occurred at the Folk State 11 Battery location.



We at Terracon are deeply grateful for the opportunity to offer our environmental services to Spur Energy Partners. We are committed to providing the highest level of service and support. Should you need further information or have any queries, we encourage you to reach out to our office at your earliest convenience.

Sincerely,



Prepared by:

Reviewed by:

Travis Casey

Senior Staff Scientist

Carlsbad, NM

John Grams, P.G. (TX)

Senior Geologist

Lubbock

Attachments

Appendix A – Exhibits

Exhibit 1 – Exploratory Boring Log and Photo Log

Exhibit 2 - Delineation Sample Location Map

Exhibit 3 - Confirmation Sample Map

Exhibit 4 - Table 1 - Delineation / Deferral Zone Sample Results

Table 2 – Confirmation Floors

Table 3 - Confirmation Walls

Exhibit 5 – Analytical Report and Chain of Custody

Appendix B - Terracon Standard of Care, Limitations & & Reliance

C-141 Summary Sheet



APPENDIX A - EXHIBITS

Facilities | Environmental | Geotechnical | Materials

Desert Sand Water Well Services, LLC.

Soil Bore Report

lufo	Customer:				Phone:		Date:
Well Info	ESS/Sp	ur Energ	У		575-390-639	7	5/10/20
-	Well Name:				Location:		
General	Folk St	ate			32.8336260,	-104.0965154	1
	DE	PTH					
	FROM	ТО	THICKNESS (feet)	COLOR		AL ENCOUNTERED - INC ITIES OR FRACTURES	CLUDE WATER
	0	3	3		TO	OP SOIL	
	3	14	11		СН	ALECHE	
	14	20	6		RED S	AND/CLAY	
	20	30	10		RE	ED SAND	
	30	78	48		ANHYDRITE /	RED SNAD / CLAY	
		Sincere					
				LEFT BORE	HOLE OPEN FOR 48 HO	URS. UPON RETURNIN	G THE BORE WAS
				STILL DRY	Y AT 78'. PLUGGED I	BORE HOLE FROM TH	HE BOTTOM UP
					WITH 3/8 HOLE PL	UG (BENTONITE CHI	P).
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77				and the second s			
O						The Agriculture of the Agricultu	
						The state of the s	
		Per par pelopol	grade into	rgus.		300 tg 3	
			7,1 46				
			A A				
					A.		

PRagel 89 of 351

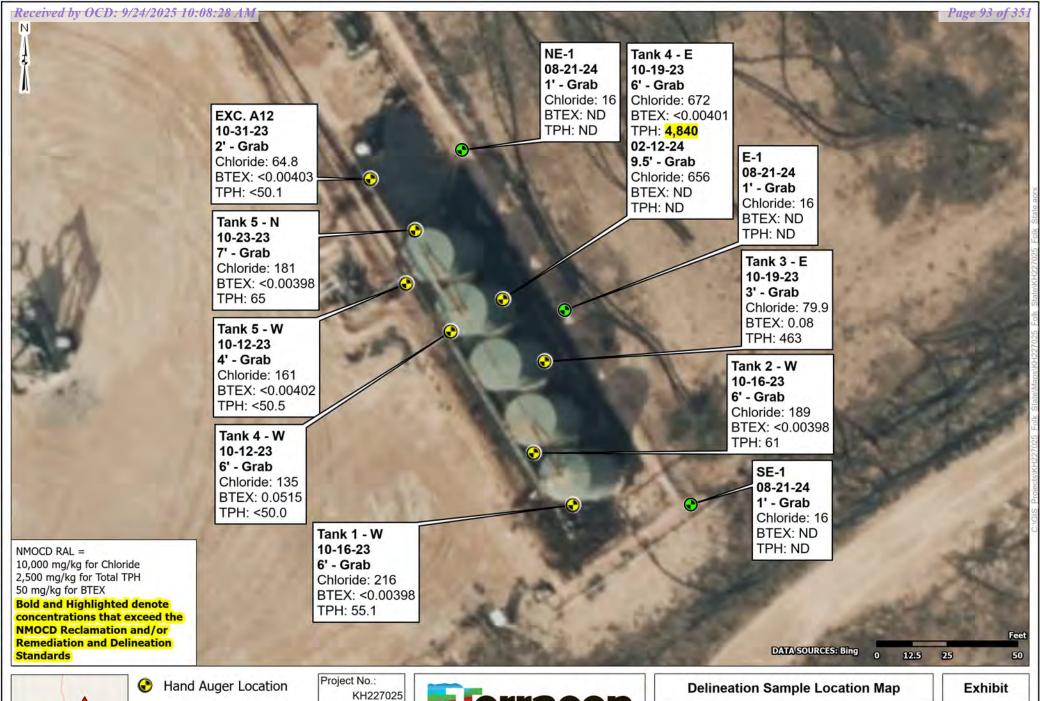
Received by OCD: 9/24/2025 10:08:28 AM



FOLK STATE #11 BATTERY DRILLING PHOTOS









Additional Hand Auger Location

Date:

Aug 27 2024 Drawn By:

JWL Reviewed By: **JRG**

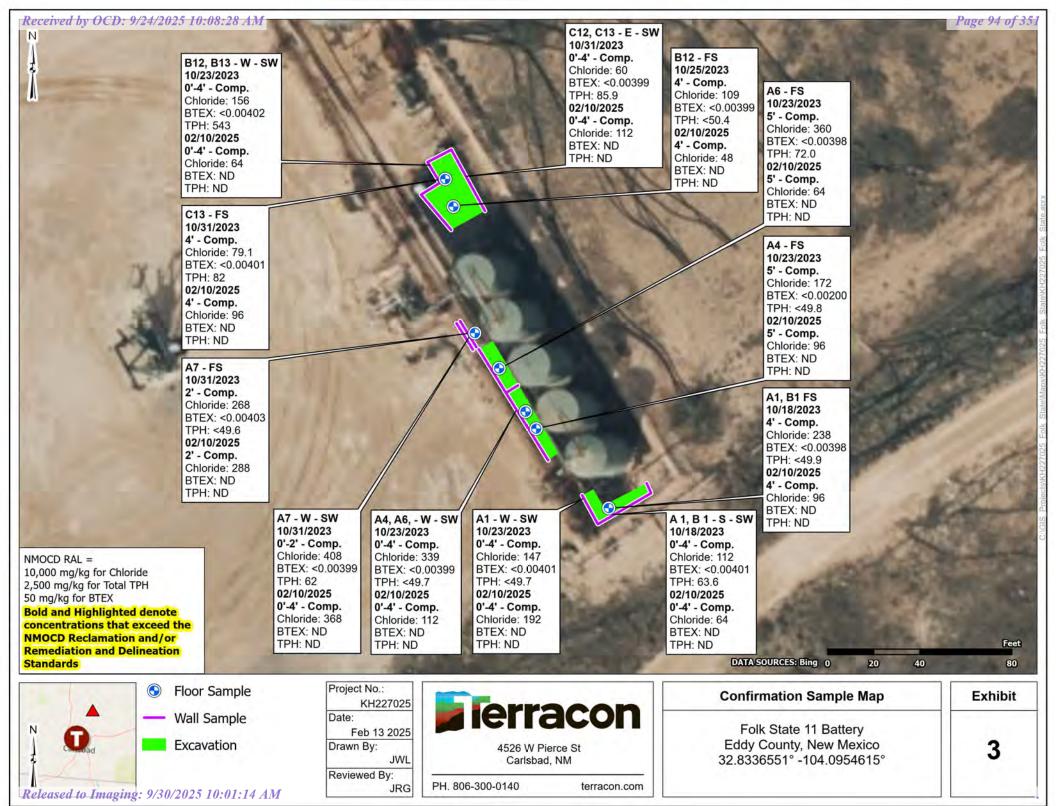


4526 W Pierce St Carlsbad, NM

PH. 806-300-0140

terracon.com

Folk State 11 Battery Eddy County, New Mexico 32.8336551° -104.0954615°



Soil Analytical Results Summary - Delineation / Deferral Zone Samples Folk State 11 Battery

					NMOCD Re	ference No.	nAPP2232679	528			
Sample ID	Sample Date	Sample Depth	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)
		(ft bgs)	Туре	Status	EPA Method 300	EPA Method 8021B	EPA Method 8021B	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M
	•					Deferral Sa	mples	,			•
TANK 1 - W	10/16/2023	6.0	Grab	In-situ	216	ND	ND	55.1	ND	55.1	ND
TANK 2 - W	10/16/2023	6.0	Grab	In-situ	189	ND	ND	61	ND	61	ND
TANK 4 - W	10/12/2023	6.0	Grab	In-situ	135	ND	0.00515	ND	ND	ND	ND
TANK 5 - W	10/12/2023	4.0	Grab	In-situ	161	ND	ND	ND	ND	ND	ND
TANK 3 - E	10/19/2023	3.0	Grab	Refusal	79.9	0.08	0.08	463	ND	463	ND
TANK 4 - E	10/19/2023	6.0	Grab	Refusal	672	ND	ND	4840	ND	4840	ND
TANK 4 - L	2/23/2024	9.5	Grab	Refusal	656	ND	ND	ND	ND	ND	ND
TANK 5 - N	10/23/2023	7.0	Grab	In-situ	181	ND	ND	65	ND	65	ND
Exc. A12	10/31/2023	2.0	Grab	In-situ	64.8	ND	ND	ND	ND	ND	ND
NE-1	8/21/2024	1.0	Grab	In-situ	16	ND	ND	ND	ND	ND	ND
E-1	8/21/2024	1.0	Grab	In-situ	16	ND	ND	ND	ND	ND	ND
SE-1	8/21/2024	1.0	Grab	In-situ	16	ND	ND	ND	ND	ND	ND
	NMOCD Reclam (Surface t	ation Stand to 4 ft bgs)			10,000	10	50	2,500	1,	000	N/A
	NMOCD Remedi				10,000	10	50	2,500	1,	000	N/A

^{1.} BTEX = Benzene, toluene, ethylbenzene, and total xylenes

NA = Not Analyzed

Bold denotes concentrations above applicable laboratory SDLs.

Bold and Highlighted denote concentrations that 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 permited disposal facility.

^{2.} TPH = Total petroleum hydrocarbons
3. New Mexico Administration Code (NMAC) Restoration, Reclamation and Re-vegatation (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

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

Table 2 Soil Analytical Results Summary - Confirmation Evaluation (Floor Samples) Project Code: KH227025 NMOCD Reference No. nAPP2232679528

Sample ID	Sample Date	Sample Depth	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)
		(ft bgs)	1,400	Status	EPA Method 300	EPA Method 8021B	EPA Method 8021B	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M
	•	L			Conf	irmation Flo	or Samples	I.			
A1, B1 - FS	10/18/2023	4	Composite	In-situ	238	< 0.00199	< 0.00398	ND	ND	ND	ND
A1, D1 - 13	2/10/2025	4	Composite	In-situ	96	ND	ND	ND	ND	ND	ND
A4 - FS	10/23/2023	5	Composite	In-situ	172	< 0.00200	< 0.00401	ND	ND	ND	ND
A4 - 13	2/10/2025	5	Composite	In-situ	192	ND	ND	ND	ND	ND	ND
A6 - FS	10/23/2023	5	Composite	In-situ	360	< 0.00199	< 0.00398	72	ND	72	ND
A0 - 13	2/10/2025	5	Composite	In-situ	64	ND	ND	ND	ND	ND	ND
A7 - FS	10/31/2023	2	Composite	In-situ	268	< 0.00202	< 0.00403	ND	ND	ND	ND
A7 13	2/10/2025	2	Composite	In-situ	288	ND	ND	ND	ND	ND	ND
	10/19/2023	4	Composite	In-situ	47.7	< 0.0504	< 0.101	120	ND	120	ND
B12 - FS	10/25/2023	4	Composite	In-situ	109	< 0.00200	< 0.00399	ND	ND	ND	ND
	2/10/2025	4	Composite	In-situ	48	ND	ND	ND	ND	ND	ND
	10/23/2023	4	Composite	In-situ	113	< 0.00200	< 0.00399	193	ND	193	ND
C13 - FS	10/31/2023	4	Composite	In-situ	79.1	< 0.00200	< 0.00401	82	ND	82	ND
	2/10/2025	4	Composite	In-situ	32	ND	ND	ND	ND	ND	ND
	NMOCD Reclam	ation Stand	dards³		10,000	10	10	2,500		000	N/A
	NMOCD Remed	iation Stand	dards ⁴		10,000	10	10	2,500	1,	000	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-vegatation (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
- ND = Constituent was not detected above the indicated laboratory sample detection limit (SDL). $NA = Not \ Analyzed$

Bold denotes concentrations above applicable laboratory SDLs.

Bold and Highlighted denote concentrations that 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 permited disposal facility.

Soil Analytical Results Summary - Confirmation Evaluation (Wall Samples) Project Code: KH227025 NMOCD Reference No. nAPP2232679528

					INITIO	CD Reference	NO. HAPPZZ	320/9320				
Sample ID	Sample Date	Sample Start Depth	Sample Final Depth	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)
		(ft bgs)	(ft bgs)	1,700	Status	EPA Method 300	EPA Method 8021B	EPA Method 8021B	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M
						Confirmatio	n Wall Samp	oles		•		
A1, B1 - S - SW	10/18/2023	0	4	Composite	In-situ	112	<0.00200	< 0.00401	63.6	ND	63.6	ND
A1, D1 - 3 - 5W	2/10/2025	0	4	Composite	In-situ	64	ND	ND	ND	ND	ND	ND
A1 - W - SW	10/23/2023	0	4	Composite	In-situ	147	< 0.00200	< 0.00401	ND	ND	ND	ND
A1 - W - 3W	2/10/2025	0	4	Composite	In-situ	192	ND	ND	ND	ND	ND	ND
A4,A6 - W - SW	10/23/2023	0	5	Composite	In-situ	339	< 0.00200	< 0.00399	ND	ND	ND	ND
A4,A0 - W - 3W	2/10/2025	0	4	Composite	In-situ	112	ND	ND	ND	ND	ND	ND
	10/18/2023	0	2	Composite	In-situ	125	< 0.00202	< 0.00403	1310	ND	1310	ND
A7 - W - SW	10/31/2023	0	2	Composite	In-situ	408	< 0.00200	< 0.00399	62	ND	62	ND
	2/10/2025	0	2	Composite	In-situ	368	ND	ND	10	ND	10	ND
B12,B13 - W - SW	10/23/2023	0	4	Composite	In-situ	156	< 0.00201	< 0.00402	543	ND	543	ND
D12,D13 - W - SW	2/10/2025	0	4	Composite	In-situ	64	ND	ND	ND	ND	ND	ND
C12,C13 - NE - SW	10/23/2023	0	4	Composite	In-situ	90.8	< 0.00199	<0.00398	181	ND	181	ND
C12,C13 - NL - 3W	10/31/2023	0	4	Composite	In-situ	60	< 0.00200	< 0.00399	85.9	ND	85.9	ND
C12,C13 - E - SW	2/10/2025	0	4	Composite	In-situ	112	ND	ND	ND	ND	ND	ND
•	NMOCD Recl	amation St	andards ³			10,000	10	50	2,500		1,000	N/A
	NMOCD Rem	ediation St	andards ⁴			10,000	10	50	2,500		1,000	N/A

BTEX = Benzene, toluene, ethylbenzene, and total xylenes

Bold denotes concentrations above applicable laboratory SDLs.

Bold and Highlighted denote concentrations that exceed the MMOCD 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.

^{2.} TPH = Total petroleum hydrocarbons
3. New Mexico Administration Code (NMAC) Restoration, Reclamation and Re-vegatation (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

$$[\]label{eq:ND} \begin{split} \text{ND} &= \text{Constituent was not detected above the indicated laboratory sample detection limit ($\widehat{\text{SDL}}$)}. \\ \text{NA} &= \text{Not Analyzed} \end{split}$$



August 23, 2024

JOSEPH GUESNIER
TERRACON CONSULTANTS
5827 50TH ST. SUITE 1
LUBBOCK, TX 79424

RE: FOLK 11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/21/24 14:56.

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

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

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

Accreditation applies to public drinking water matrices.

Wite Sough

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

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TERRACON CONSULTANTS JOSEPH GUESNIER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 08/21/2024 Reported: 08/23/2024

Project Name: FOLK 11 BATTERY

Project Number: KH227025

Project Location: SPUR - EDDY CO Sampling Date: 08/21/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: E - 1 (1') (H245099-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	2.11	106	2.00	2.30	
Toluene*	<0.050	0.050	08/22/2024	ND	2.04	102	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.05	103	2.00	4.39	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.09	102	6.00	4.65	
Total BTEX	<0.300	0.300	08/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	209	105	200	9.73	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	202	101	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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with Sigh



Analytical Results For:

TERRACON CONSULTANTS JOSEPH GUESNIER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 08/21/2024 Reported:

08/23/2024

Project Name: **FOLK 11 BATTERY** Project Number: KH227025 Project Location: SPUR - EDDY CO

Sampling Date:

08/21/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: NE - 1 (1') (H245099-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	2.11	106	2.00	2.30	
Toluene*	<0.050	0.050	08/22/2024	ND	2.04	102	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.05	103	2.00	4.39	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.09	102	6.00	4.65	
Total BTEX	<0.300	0.300	08/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	209	105	200	9.73	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	202	101	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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with Sigh



Analytical Results For:

TERRACON CONSULTANTS JOSEPH GUESNIER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 08/21/2024 Reported: 08/23/2024

Project Name: FOLK 11 BATTERY
Project Number: KH227025
Project Location: SPUR - EDDY CO

Sampling Date: 08/21/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SE - 1 (1') (H245099-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	2.11	106	2.00	2.30	
Toluene*	<0.050	0.050	08/22/2024	ND	2.04	102	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.05	103	2.00	4.39	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	6.09	102	6.00	4.65	
Total BTEX	<0.300	0.300	08/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	e: 4-Bromofluorobenzene (PID 97.0 % 7		4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result Reporting Limit 16.0 16.0		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride			08/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	209	105	200	9.73	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	202	101	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Me Sough



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mile Sough

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Joseph Guerry	P.O.# 1/4777025	ANALYSIS REQUEST
Address:	Dany: Sw	
colstat		
Phone #: Fax #:	Address:	
	Project Owner: City:	
Project Name: Lolk /	State: Zip:	
Project Location:	#:57	//6
Sampler Name: Joseph Jacsmi	9	
FOR LAB USE ONLY	MATRIX	ING
Lab I.D. Sample I.D.	IL LUDGE THER: CID/BASE: E / COOL THER:	Chloride PH BTRX
H-1 (1)	GR WA SO OIL SLU OTH ACI OTH ACI OTH	./
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C. LASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or bot, shall be limited to the amount paid by the client for the consequents and advancever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the application of		12:16 X X X X
M	Received By: On alyses, All claims including those for negligence and any office amount paid by the client for the contract or tent, shall be limited to the amount paid by the client for the contract. In no event shall Cardinal be liable for incidental or consequential damages, including without limited on successors arising out of or related to the performance of services hereunder by Cardinal impacts or successors arising out of or related to the performance of services hereunder by Cardinal impacts of whether such claim is based upon any of the above stated reasons or otherwise. Pate: Received By:	X X X
Sampler - UPS - Bus - Other: Corrected Temp. °C 3. 9.	Les coulsave tenney lot any claim arising whether based in contract or tort, shall be limited to the amount paid by usen whatchever shall be deemed waived unless made in writing and received by Cardinal within 30 days after cot services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated response. Time: Time: Received By: Received By: Received By:	mailed. P



February 11, 2025

BRUCE BAKER
TERRACON CONSULTANTS
5827 50TH ST. SUITE 1
LUBBOCK, TX 79424

RE: FOLK 11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/10/25 14:38.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY

Project Number: KH227025

Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: A7 - W - SW 0-2 (H250800-01)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 % 71.5-13		4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	e 368 16.0		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride			02/11/2025	ND	400	100	400	3.92	
TPH 8015M			Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	10.0	10.0	02/11/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.9	% 49.1-14	8						

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Celey D. Keene



Shalyn Rodriguez

Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Sampling Date: 02/10/2025

Reported: 02/11/2025 Sampling Type: Soil
Project Name: FOLK 11 BATTERY Sampling Condition: Cool & Intact

Project Number: KH227025 Sample Received By: Project Location: SPUR - EDDY CO

Sample ID: A7 - FS 2 (H250800-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050 0.050		02/10/2025	2/10/2025 ND		108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	Bromofluorobenzene (PID 109 %		4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288 16.0		02/11/2025 ND		400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquished By:	Neililduisiled py.	PLEASE NOTE: Liability and Damages. Cardhafs lead analyses. All claims including those for regisperce and correquented admanges, including without limitation, bus affiliates or successors wising out of or related to the por Dails and Dail.) A7	A7	Lab I.D.		Sampler Name: Travis Casey	Project Location: Eddy	Project Name: Folk 11	Project #: KH227025	Phone #: 5756895949	City: Carlsbad	Address: 4526 W. Pierce Street	Project Manager: Bruce Baker	(575) 393-2326 FA
		PLEASE NOTE: Liability and Damages. Cardodis's skality and clerifs exclusive namely for any clear rating whether based in contract on the part and to the amount part of the cardodis service. In no evert shall Cardinal analyses, All clears including those for negligence and any other cause withincover shall be deemed service divines made in writing and cardodis shall cardinal analyses. All clears including whether inhaltion, business interruptions, loss of use, or loss of profits incurred by clears, its subsidiaries, considerable inhaltion, business interruptions, loss of use, or loss of profits incurred by clears, it is subsidiaries, and the device stated reasons or otherwise. ###################################				A7 - FS	A7 - W - SW	Sample I.D.										FAX (575) 393-2476
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Turnaround Time: Standard	All Results are emailed. Please provide Email address: joesph guesnier@terracon.com,travis.casey@terracon.com,chuck.smith@terracon.com beckysue.miller@terracon.com.gus.sanchaz@terracon.com REMARKS: Cost Code: #1080791001	lverbal Result: ☐ Yes ☐ No Add'l Phone #:				102.01	10:16	TIME				0.2	3	W. Pierce St				
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- I	All Results are emailed. Please provide Email address: en@terracon.com;travis.casey@terracon.com;chuck.smith@beckysue.miller@terracon.com gus.sanchez@terracon.com ost Code: #1080791001	P	+	+	+++	++	+					_			_			ANALYS
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February 11, 2025

BRUCE BAKER
TERRACON CONSULTANTS
5827 50TH ST. SUITE 1
LUBBOCK, TX 79424

RE: FOLK 11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/10/25 14:38.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TERRACON CONSULTANTS **BRUCE BAKER** 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY

Project Number: KH227025

Project Location: SPUR - EDDY CO Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: A1 - W - SW 0-4 (H250801-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	1.82	90.9	2.00	5.81	
Toluene*	<0.050	0.050	02/10/2025	ND	1.88	94.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	1.79	89.3	2.00	5.68	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	5.25	87.5	6.00	5.61	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	218	109	200	0.526	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	210	105	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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Celey D. Keene



02/10/2025

Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424

Fax To:

Received: 02/10/2025

Reported: 02/11/2025 Sampling Type: Soil

Project Name: FOLK 11 BATTERY Sampling Condition: Cool & Intact
Project Number: KH227025 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Sampling Date:

Project Location: SPUR - EDDY CO

Sample ID: A1, B1 - S - SW 0-4 (H250801-02)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	1.82	90.9	2.00	5.81	
Toluene*	<0.050	0.050	02/10/2025	ND	1.88	94.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	1.79	89.3	2.00	5.68	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	5.25	87.5	6.00	5.61	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	218	109	200	0.526	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	210	105	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.8	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY

Project Number: KH227025
Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: A1, B1 FS 4 (H250801-03)

BTEX 8021B

DILX OUZID	ıııg,	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	1.82	90.9	2.00	5.81	
Toluene*	<0.050	0.050	02/10/2025	ND	1.88	94.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	1.79	89.3	2.00	5.68	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	5.25	87.5	6.00	5.61	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	218	109	200	0.526	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	210	105	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celey D. Keine

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

FORM-006 R 3.2 10/07/21	Sampler - UPS - Bus	Deliered By: (Circle One)		Relinquished By:	W.		Relinguished By:	analyses. All claims including those for negligence are any other of consequental damages, including without limitation, business inter- affiliates or successors arising out of or related to the performance	PLEASE NOTE: Liability and Damages, Card						w	٥.		100000	Lab I.D.	FOR LAB USE DALY	Sampler Name: Travis Casev	Project Location: Eddy	Project Name: Folk 11	Project #: KH227025	Phone #: 5756895949	City: Carlsbad	Address: 4526 W. Pierce Street	Project Manager: Bruce Baker	(5/5) 393-2326 Company Name: Terracon
	- Other:			1	Kany	1)	awayes, Al claims including those for inapplications are not included to the action of profits incurred by client, its subsidiaries consequential diamages, including without limitation, business interruptions, loss of uses to those of profits incurred by client, its subsidiaries affiliates or successors intering out of or instant to the performance of services hereunder by Cardinal, regardess of whether such claim is	EASE NOTE: Labelly and Damages. Cardinal's labelly and client's exclusive remedy for any claims intelling whether based in contract or cit, that file limited to the amount pad by the ceremina of the applicable service. In no event shall Cardinal to label for incidental or cardinal within 30 days after comprehend on the applicable service. In no event shall Cardinal to label for incidental or cardinal within 30 days after comprehend on the applicable service.						A1, B1 FS	A1, B1 - S - SW	A1 - W - SW		Sample I.D.		Ve						reet	er	FAX (5/5) 353-24/0
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on changes	Thermometer ID 19113 Correction Factor -0.5°C	5			beckysue miller@terraco	All Results are emailed. Please provide Email address:	Verbal Result: ☐ Yes ☐ No Add'I Phone #:		for incidental or						10:40	10:40	10:35	10:30	TIME				20	30	ierce St				
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February 11, 2025

BRUCE BAKER
TERRACON CONSULTANTS
5827 50TH ST. SUITE 1
LUBBOCK, TX 79424

RE: FOLK 11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/10/25 14:38.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY

Project Number: KH227025
Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 12, B 13 - W - SW 0-4 (H250798-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

02/11/2025 FOLK 11 BATTERY

Project Name: FOLK 11 BAT
Project Number: KH227025

Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 12, FS 4 (H250798-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.5	% 49.1-14	8						

Applyzod By: 14

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Celeg D. Freene



Analytical Results For:

TERRACON CONSULTANTS **BRUCE BAKER** 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

02/10/2025

Reported: 02/11/2025

Received:

Project Name: FOLK 11 BATTERY Project Number: KH227025 Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: C12, C13 - E - SW 0-4 (H250798-03)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	64.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.4	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY
Project Number: KH227025
Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: C13 - FS 4 (H250798-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	< 0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	85.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.1	% 49.1-14	8						

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	Deliered By: (Circle One) Sampler - UPS - Bus -	Relinquished By:	has	Relinquished By:	PLEASE NOTE: Liability and Damages. Cardinate liability and client's exclusive remark) for any. PLEASE NOTE: Liability and Damages. Cardinate liability other cause whatsower shall be dee consequents, As claims including those for negligance and any other cause whatsower shall be dee consequents dismages, including without limitation, business interruptions, loss of deep of loss of affiliation or successful windows but of or related to the performance of services hereunder by Card affiliation or successful windows and or related to the performance of services hereunder by Card affiliation or successful windows.					24	N Q	b -	, B	Lab I.D.	FOR LAB USE ONLY	Sampler Name: Travis Casey	Project Location: Eddy	Project Name: Folk 11	Project #: KH227025	Phone #: 5756895949	City: Carlsbad	Address: 4526 W. Pierce Street	Project Manager: Bruce Baker	Company Name: Terracon
	- Other:		M		EJSE NOTE: Unbelly and Demagne. Cardina's liability and otentic exclusive remedy for any claim straing writters bead it covers on any, or an or minor or adjunction of the algorithm of the algor					C13 - FS	C12, C13 - E - SW	B12 - FS	B12, B13 - W - SW	Sample I.D.										THA (OID) OUG ETTO
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	(Initials)	OUECKED BY.	95		dam assing whether season is not read to a make the season of the deplicable service. In no event shall Cardinal be lable for incidental or important unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be lable for incidental or profits recurred by client, its subsidiaries. Grad, regardess of whether such claim is based upon any of the above stated reasons or otherwise.					02/10/25	02/10/25	02/10/25	02/10/25	DATE	SAMPLING			NIVI, 88220	Carisbad	4526 W. Pierce St		Company: Terracon		BILL TO:
	Turnaround Time: Standard # 140 +0 -3 gr Thermometer ID #113 Correction Factor *0.5°C		All Results are emailed. Please provide cmail adureso, joesph guesnier@terracon.com.travis.casey@terracon.com.chuck.smith@terracon.com.beck/sue.mille@terracon.com gus sanchez@terracon.com please.com.com.gus.sanchez@terracon.com.gus.sanchez.gus.gus.sanchez.gus.sanchez.gus.sanchez.gus.sanchez.gus.sanchez.gus.	Verbal Result: ☐ Yes ☐ No Add'I Phone #:	for incidental or					10:05	10:00	9:5/	9:55	TIME				20	3 0	ierce St				
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February 11, 2025

BRUCE BAKER
TERRACON CONSULTANTS
5827 50TH ST. SUITE 1
LUBBOCK, TX 79424

RE: FOLK 11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/10/25 14:38.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY

Project Number: KH227025
Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: A4, A6, - W - SW 0-4 (H250799-01)

DTEV 0021D

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey & Keene



Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY
Project Number: KH227025
Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025 Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: A4 - FS 5 (H250799-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					
Surrogate: 1-Chlorooctane	74.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.2	% 49.1-14	8						

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Celeg D. Freene



02/10/2025

Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025

SPUR - EDDY CO

Reported: 02/11/2025 Sampling Type: Soil

Project Name: FOLK 11 BATTERY Sampling Condition: Cool & Intact
Project Number: KH227025 Sample Received By: Shalyn Rodriguez

Sampling Date:

Sample ID: A6 - FS 5 (H250799-03)

Project Location:

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Sampler - UPS - Bus - Ot	Deliered By: (Circle One)		Relinquished By:	Vermental Control	Polinquished By:	N_EASE NOTE: Liability and Damages. Certifinate liability and cleans excusion malyses. All cleans including those for negligence and any other cause whats prospequental diamages, including well-call instation, business interruptions, lost prospectives and prospectors which got of or related to the performance of services.						3 A6	A4	A4,	TAR THE	Lab I.D.	FOR LAB USE ONLY	Toler Location Travis Casev	niect Location: Eddy	Project Name: Folk 11	Project #: KH227025	Phone #: 5756895949	City: Carlsbad	Address: 4526 W. Pierce Street	Project Manager: Bruce Baker	(575) 393-2326 FA
	- Other:		(bever shall be dev solute, or loss of hereunder by Car	and the second for any claim arising whether based in contact or too, shall be limited to the amount paid by the client for the					A6 - FS	A4 - FS	A4, A6, - W - SW		Sample I.D.										FAX (5/5) 393-24/0
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nancies Please en	Cool Intact Checked B1: Turnaround Time: Standard Cool Intact Cool		0	E		com summy divises made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be service by profits incurred by client. Its subsolutions, to be based upon any of the above stated reasons or otherwise.						C7/01/70	C2/01/20	02/10/20	07/10/2	DATE	/. SAMPLING			NM, 88220	Carlsbad	4526 W. Pi	Attn: Bruce Baker	Company: Terracon		BILL TO:
nail changes	Turnaround Time: Standard # I40 +0.32 Thermometer ID =113 Cornection Factor -6690		REMARKS: Cost Code: #1080791001	All Results are emailed. Please provide Email address: joesph guesnier@terracon.com,travis.casey@terracon.com,chuck.smith@terracon.com beckysue.miller@terracon.com gus.sanchez@terracon.com	Verbal Result: ☐ Yes ☐ No Add'I Phone #:	be sable for incommand						10.13	10.13	10.10	10.07	TIME				07	3	W. Pierce St				
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) Sam			k smit			ļ	1	1	\sqcup	+	\sqcup	1	4				_	_	_	_	_	-	_	-	- 8
	Sacteria (only) Sample Condition Cool Observed Temp. "C Ives Corrected Temp. "C			h@ten			1			Ш		Ц		\perp									,	_	_	4
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APPENDIX B

C-141 Summary Sheet

May 16, 2024					Terracor
NM	10CD R	EPORT I	DETAILS	}	
Submission	Contact, Ap	plication, Fee	and Payment	<u>Details</u>	
Name: Kathy Purvis					
Email: katherine.purvis@spurene	ergy.com				
Phone: (575) 441-8619	To it is	I Deleges C 4	4.4		
		Release C-1 Ication Detail			
Incident ID:	App	nAPP22326795			
District:		Artesia		-	
County:		Eddy			
Legal Description:	Unit:J	Section:17	Township:17S	Range:29E	
Lat/Long:	N:32.83371°		E:-104.09593°		
		<u>rerequisites</u>	11.0		
Incident Operator:	Sp	ur Energy Partne	rs LLP	-	
Release Type: Incident Status:	Donding (Crude Oil Submission of Clo	scure Report	-	
incluent Status:		ise Informatio			
Site Name:	KGIG		State 11 Battery	/	
Date Discovered:			11/22/2022		(MM/DD/YYY)
Surface Owner:			Private		
	Inc	ident Details			
Incident Type:		Oil I	Release		
Fire:					
Injuries:				-	
Watercourse:			-		
Public Health:			No No		
Significant to Property or Environment: Detrimental to Freshwater:			_		
	Nature an	d Volume of F	No Release		
Released Product:			ide Oil		
Cause:		Equipm			
Source:		Fi	tting		
Release:		27		(bbls/Mcf)	
Recovered:		25	(bbls/Mcf)		
Additional Details:	Natara		ide Oil		
Is this a gas submission?		d Volume of F No	<u>elease</u>		
Is this a gas submission? Was this a major release (Y/N) >25bbls?	1	Yes	-		
Justification of release volume calculation:		No	(Attach	ed Release Volun	ne Calculation)
		tial Response	(71000077	ea Moreage Foran	no carcaration)
Release has been stopped?	1	Yes			
Release area has been secured?		Yes			
Released material has been contained?		Yes			
All free liquids have been recovered?		Yes			1
If actions have not been completed, why?		Yes	(Attached Expli	nation)	
		on Action Plan			
Donth to groundwater houseth effected and		haracterizati	<u>on</u>		
Depth to groundwater beneath effected area? What method was used to determine depth?		- 100ft I Document	-		
Did release impact GW or Surface Water?		No	1		
Continuously flowing watercourse?	+	han 5 (mi.)			
Lakebed, sinkhole, or playa (measured from	_		between	1 to 5 (mi.)	
An occupied permanent residence?		han 5 (mi.)			
Spring or private domestic well?	between	1 to 5 (mi.)			
Incorporated municipal boundaries?	greater t	han 5 (mi.)			
Wetland?	•	1 to 5 (mi.)			
Subsurface mine?		han 5 (mi.)			
A (non-karst) unstable area?	_	han 5 (mi.)		41	1
Catagoriza the rick of this well / site bein	ia in a karst de	ology?	I Me	dium	
Categorize the risk of this well / site bein A 100-year floodplain				1 to 5 (mi.)	

May 16, 2024				TO HE O O O
				ierracon
Down	undintion Dlan			
	nediation Plan			
Have lateral and vertical extents of impacts been delineated, to the strictest standards?	Yes	<u> </u>		
Was the release entirely contained within a lined containment?	Yes	; 		
Soil Contamination Sampling.	et to de	672	((1)	1
(provide the highest observed value for each)(0.1)	Chloride	672	(mg/kg)	
	Total TPH	4,840	(mg/kg)	
	GRO+DRO	4,840	(mg/kg)	
	BTEX	1.08	(mg/kg)	
	Benzene	0.08	(mg/kg)	
Date of Remediation Commencement.	10/9/2			
Date of Final Sampling or Liner Inspection.	2/23/2	2024		
Date of Remediation Completion.	2/23/2	2024		
Estimated Surface Area (sq. ft.) to be reclaimed.	760	0		
Estimated Volume (cu. yds.) to be reclaimed.	146	6		
Estimated Surface Area (sq. ft.) to be remediated.	200	00		
Estimated Volume (cu. yds.) to be remediated.	450	0		
Excavation and off-site disposal (dig & haul).	Yes	c	(Ex-Situ)	
Excavation and on-site remediation (land farm).	No		(Ex-Situ)	
Soil Vapor Extraction.	No		(In-Situ)	
Chemical processing (soil shreddingetc).	No.		(In-Situ)	
Biological processing (microbes / fertilizeretc).	No		(In-Situ)	
Physical processing (soil washing, gypsumetc).	No.		(In-Situ)	
	1		(111-3114)	
Ground Water Abatement.	No No			
Other (Non-listed remedial process).	eferral Request			
Deferral Request (attachment with explanation)	Yes			
All areas reasonably needed for production or subsequent	10.	5		
drilling operations have been stabilized, returned to the sites				
existing grade, and have a soil cover that prevents ponding of	Yes	S		
water, minimizing dust and erosion.				
Total Surface Area (sq. ft.) to be remediated.	200	10	(Square Feet)	
Total Volume (cu. yds.) to be remediated.	450	0	(Cubic Yards)	
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	c		
Estimated Surface Area (sq. ft.) to be reclaimed.	200		(Square Feet)	7
Estimated Volume (cu. yds.) to be reclaimed.	450		(Cubic Yards)	
Attached Summary of Additional Remediation Activities.	Yes		(Cubic raids)	
,		_		
Requesting Approval of Reclamation Completion.	No)		



February 13, 2025 Spur Energy Partners LLC 2407 Pecos Avenue Artesia NM, 88210

Attn: New Mexico Oil Conservation Division

1220 South St. Francis Drive Santa Fe, New Mexico, NM 87505

RE: Release Investigation, and Deferral Request

Folk State 11 Battery
Unit J, Section 17, Township 17 South, Range 29 East 32.83371 °, -104.09593°
Eddy County, New Mexico
NMOCD No. nAPP2232679528
Terracon Project No. KH227025

To Whom It May Concern:

Terracon Consultants, Inc. (Terracon) is submitting our Release Investigation and Closure Report for the above-referenced site. Prepared in line with New Mexico Oil Conservation Division (NMOCD) regulations, this report addresses the environmental actions taken in response to the release of crude oil at the above oil production site. Detailed assessment and remedial actions by Terracon are outlined in the following sections.

Action Items

Completed Actions

- 1) The release assessment activities for incident nAPP2232679528 were executed between October 9, 2023, through February 23, 2024. Depth to water was found to be greater than 78 feet below ground surface.
- 2) Maps and associated data for approval are provided within Appendix A and B.
- 3) Soil samples collected from the excavation were submitted to an approved laboratory for analysis to determine levels of impact vertically and horizontally.
- 4) Excavation of the inferred release area was completed with the intent to remove impacted soil as determined by the Closure Criteria set by NMOCD. Areas exhibiting visual staining and areas that exceeded field screening were excavated.
- 5) Soil stockpiles on site were placed on plastic and bermed around the edges to reduce loss.
- 6) Five-point composite confirmation samples were collected every 200 square feet.
- 7) Remedial activities were terminated when a confirmation sample was collected below the NMOCD RALs for Oil and Gas impacted soils.



8) A summary of the information provided in this report is included in Appendix A, as C-141 summary sheet.

Deferral Request

1) Terracon is seeking a deferral to leave the affected soil within the requested 10-foot buffer estimated at 2,000 square feet / 450 cubic yards set by Spur around the storage tank and pipelines within the containment in the release area. The safety concerns of weakening the structural integrity of the production equipment within the battery with mechanical or hydro excavation techniques may cause damage to the tanks and pipelines increasing the potential of future leaks. Vertical delineation of the requested deferral area was conducted. While attempting to vertically delineate the deferral area, at sample location Tank 4-E Terracon encountered refusal at 9.5 feet bgs and were unable to safely utilize additional mechanical methods to continue sampling. Please see Appendix A, Exhibit 8.

Anticipated Actions

- 2) Approval by the NMOCD.
- 3) The areas of the excavation were backfilled and brought to the surrounding grade.

Site Information

On April 14, 2023, Terracon was requested by Spur Energy Partners LLC (Spur) to conduct a Release Investigation, in association with a release of a reportable quantity of crude oil within the southern half of the secondary containment at the Folk State 11 Battery (nAPP2232679528) site. The New Mexico Oil Conservation District (NMOCD) was notified of the release on November 22, 2022, according to the submitted C-141 form. Terracon personnel were informed that a reportable release of 27 barrels (bbls) of crude oil within secondary containment had taken place at the site and Spur had recovered a total of 25 bbls. Surface ownership is held by the New Mexico State Land Office (SLO). A Topographic Map and Site Location Map are included as Appendix A, Exhibit 1 and Exhibit 2, respectively.

Terracon conducted delineation sampling and remedial actions at the site from October 9, 2023, through February 23, 2024. This Deferral Request seeks to confirm the confirmation and delineation sampling for approval of the NMOCD.

Regulatory Criteria

A review of data from the New Mexico Office of the State Engineer (NMOSE) website identified a water well (EXPL Well) located 0.10 miles west of the site as indicated in the Exploratory Boring Location Map (Appendix A, Exhibit 3). The exploratory groundwater well was completed to a depth of 78 feet below ground surface (bgs) on May 10, 2020. The borehole was left open for 48 hours, gauged, and was determined to be a dry hole, indicating depth to water is >78 feet bgs. A review of the U.S. Fish and Wildlife Service, National Wetlands Inventory

Facilities | Environmental | Geotechnical | Materials



website indicates that the Pecos River is located approximately 14.2 miles southwest of the site as indicated in the Designated Wetland Area Map (Appendix A, Exhibit 4). Review of geospatial data obtained from the BLM Carlsbad Field Office website indicated that the site is within an area of medium risk for Karst formations, as indicated in the Cave Karst Public UCP Map (Appendix A, Exhibit 5,).

Reclamation Standards

Per New Mexico Administrative Code (NMAC) 19.15.29, the closure criteria for the site are based on the remedial requirements for an on-pad release consisting of the removal of the affected soil from the surface to 4 feet below grade surface (bgs). The closure criteria are for 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), and Total Petroleum Hydrocarbons (Total TPH) (2,500 mg/kg) (EPA Method 8015M), GRO (C6-C10) (1,000 mg/kg), and DRO (1,000 mg/kg) (EPA Method 8015M).

Release Assessment/Confirmation/Closure Activities

Incident nAPP2232679528

Terracon conducted remedial activities at the site from October 9, 2023, through February 23, 2024. Three areas on the southern half of the containment totaling approximately 760 square feet were affected by the release. A total of 9 delineation samples from 8 hand auger boring locations (Tank 1-W, Tank 2-W, Tank4-W, Tank 5-W, Tank 3-E, Tank 5-N and Exc-12) were collected and submitted for analysis of BTEX, Chlorides, and TPH. Delineation sample results for BTEX were below applicable NMOCD closure criteria. One delineation sample exceeded closure criteria for TPH at 4,840 mg/kg in Tank 4-E (6.0'). On February 23, 2024, to further delineate the vertical extent of impact at the Tank 4-E location, Terracon advanced a hand auger boring to depth of 9.5 feet bgs where refusal was encountered and sample Tank 4-E (9.5') was collected and submitted for analysis of BTEX, Chloride and TPH. The sample results for TPH for Tank 4-E (9.5') were below applicable NMOCD closure criteria. A Delineation Sample Location Map depicting the sample locations, analytical results for BTEX, Chlorides and TPH, is included in Appendix A, Exhibit 6. Delineation sample results are included in Appendix B, Table 3.

Areas exhibiting visual impact and the areas that exceeded the closure criteria were excavated to a depth of between 2.0 feet to 5 feet bgs. A total of 12 confirmation soil samples were collected from October 18, 23, & 31, in 2023. Final confirmation sample were then collected February 10, 2025, and submitted for analysis of BTEX, Chlorides, and TPH. Confirmation floor and walls sample results for BTEX, Chloride and TPH were below applicable NMOCD closure criteria. A Conformation Sample Location Map is included in Appendix A, Exhibit 7. Confirmation sample results for the floor and sidewalls of the excavation are included in Appendix B, Table 1, and Table 2, respectively.



A total of approximately 146 cubic yards of affected soil were excavated during remedial activities. Excavated material was stockpiled on-site atop a polyethylene liner pending disposal. The excavated material was disposed of at Lea Land Disposal Facility. The excavations were backfilled with imported fill material. Photographs of the project site are included in Appendix C.

Deferral Request

In compliance with Spur's safety protocol associated with excavating around storage tanks and pipelines within the containment, and to mitigate the potential weakening of the structural integrity of the production equipment within the battery associated with excavating adjacent to the equipment, Spur is requesting a 10-foot buffer zone around the storage tank and pipelines within the containment in the release area estimated at 2,000 square feet / 450 cubic yards. To delineate the 10-foot buffer zone area, Terracon advanced eight hand auger borings within the deferral area to depths ranging from 2.0 feet to 9.5 feet bgs. A total of eight delineation soil samples were collected from October 12 through October 23, 2023, and submitted for analysis of BTEX, Chlorides, and TPH. The sample results for BTEX were below applicable NMOCD closure criteria. Sample results from seven of the eight samples for BTEX, Chlorides and TPH were below applicable NMOCD closure criteria. One delineation sample exceeded the closure criteria for Chloride and TPH on sample Tank 4-E (6.0') at 672 mg/kg and 4,840 mg/kg, respectively. To further delineate the vertical extent of impact at the Tank 4-E location, Terracon advanced a hand auger boring on February 12, 2024, to a terminus depth of 9.5 feet bgs where refusal was encountered and sample Tank 4-E (9.5') was collected and submitted for analysis of BTEX, Chloride and TPH. The sample results for Tank 4-E (9.5') for BTEX and TPH were below applicable NMOCD closure criteria. The sample result for Tank 4-E (9.5') exceeded the closure criteria for Chloride at 656 mg/kg. A Deferral Zone Sample Location Map is included in Appendix A, Exhibit 8, and sample results for the deferral zone are included in Appendix B, Table 3.

Conclusion

In accordance with NMAC 19.15.29, remediation of the impacted material is complete outside of the requested deferral buffer zone and the delineation requirements for a request for the deferral have been met. Spur Energy Partners LLC respectfully requests deferral of reportable incident NMOCD Reference # nAPP2232679528 -Folk State 11 Battery.

We are grateful for the opportunity to offer our environmental services to Spur Energy Partners LLC. We are committed to providing the highest level of service and support. Should you need further information or have any queries, Terracon encourage you to reach out to our office at your earliest convenience.

Sincerely,



Facilities | Environmental | Geotechnical | Materials



Prepared by:

Reviewed by:

Travis Casey

Senior Staff Scientist Carlsbad, NM John Grams, P.G. (TX)

Senior Geologist Lubbock, TX

Attachments:

Appendix A - Exhibits

Exhibit 1 – Topographic Map

Exhibit 2 - Site Location Map

Exhibit 3 – Exploratory Boring Location Map

Exhibit 4 - Designated Wetland Map

Exhibit 5 – Cave Karst Public UCP Map

Exhibit 6 - Delineation Sample Location Map

Exhibit 7 - Confirmation Sample Location Map

Exhibit 8 - Deferral Area Sample Location Map

C-141 Summary Sheet

Appendix B - Tables and Well Data

Table 1 – Confirmation Evaluation Floor Sample Results

Table 2 - Confirmation Evaluation Wall Sample Results

Table 3 - Delineation / Deferral Zone Sample Results

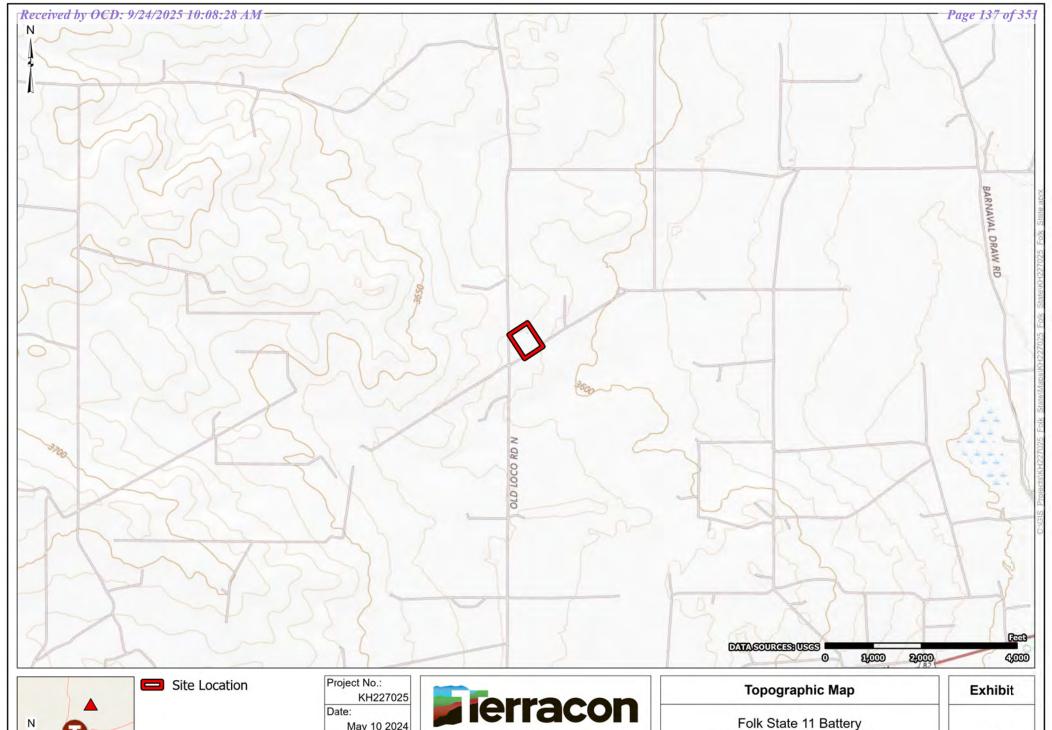
Appendix C - Photographic Log

Appendix D - Analytical Report and Chain of Custody

Appendix E - Terracon Standard of Care, Limitation, & Reliance



APPENDIX A - EXHIBITS



Released to Imaging: 9/30/2025 10:01:14 AM

May 10 2024

Drawn By: JWL

Reviewed By: JRG



4526 W Pierce St Carlsbad, NM

PH. 806-300-0140

terracon.com

Folk State 11 Battery Eddy County, New Mexico 32.8336551° -104.0954615°





Site Location

Project No.: KH227025

Date:

May 10 2024

Drawn By: JWL

Reviewed By: JRG



4526 W Pierce St Carlsbad, NM

PH. 806-300-0140 terracon.com

Site Location Map

Folk State 11 Battery Eddy County, New Mexico 32.8336551° -104.0954615°

Exhibit





Site Location

Exploratory Boring

Date: May 10 2024 Drawn By:

> JWL Reviewed By: JRG

KH227025

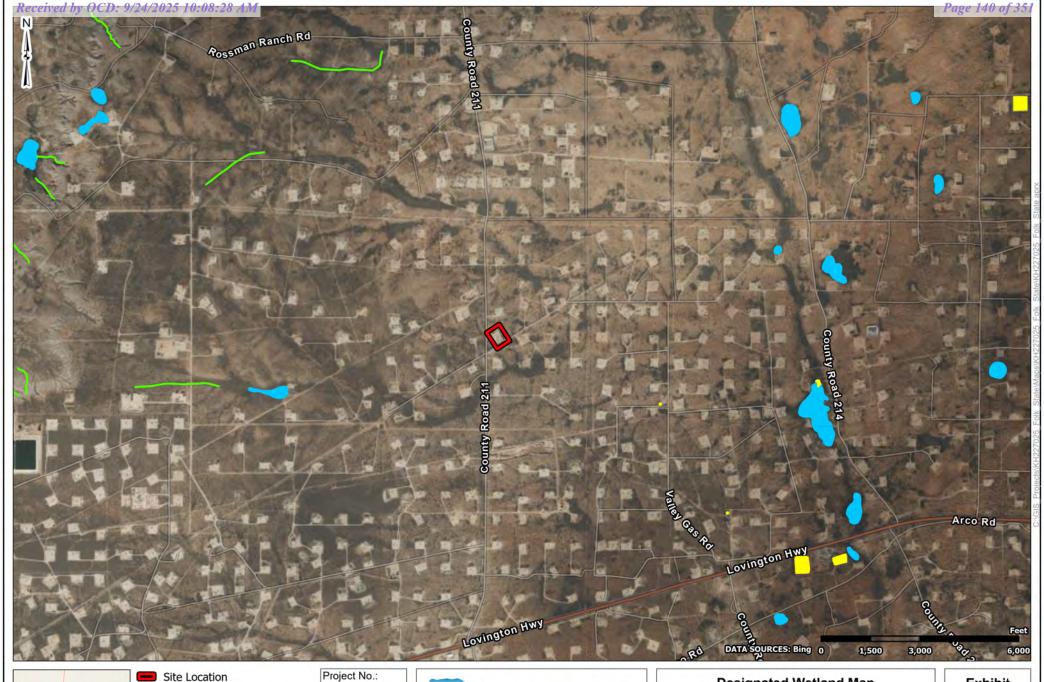


4526 W Pierce St Carlsbad, NM

PH. 806-300-0140 terracon.com

Exploratory Boring Location Map

Folk State 11 Battery Eddy County, New Mexico 32.8336551° -104.0954615° **Exhibit**





KH227025

May 10 2024

Drawn By:

JWL Reviewed By: **JRG**



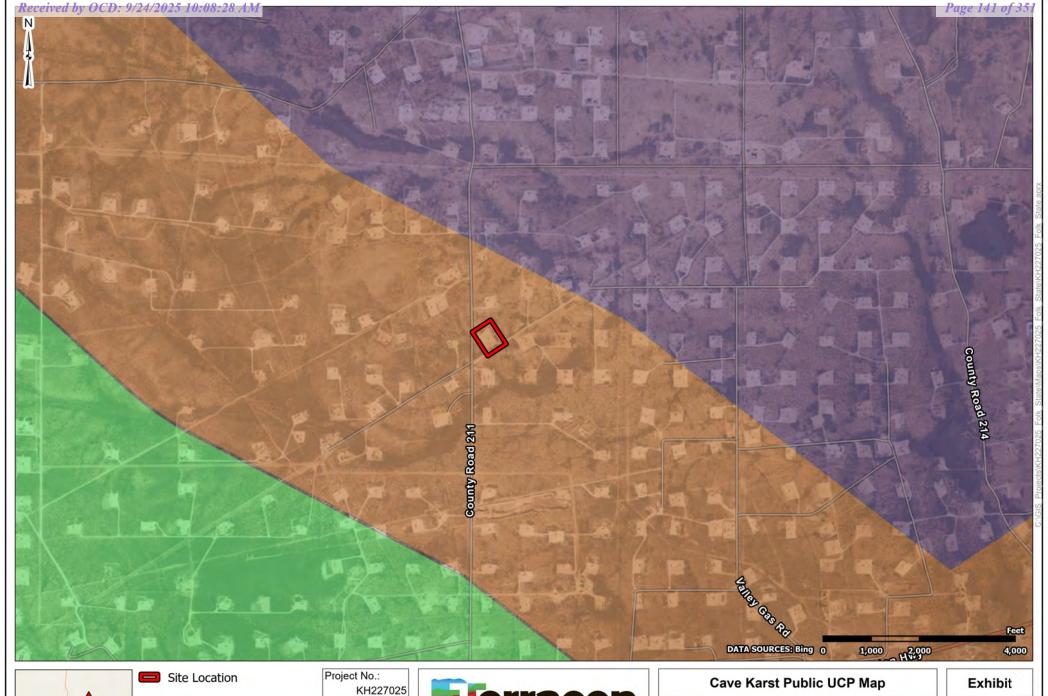
4526 W Pierce St Carlsbad, NM

PH. 806-300-0140

terracon.com

Designated Wetland Map

Folk State 11 Battery Eddy County, New Mexico 32.8336551° -104.0954615° **Exhibit**





Date:

May 10 2024

Drawn By: JWL

Reviewed By: **JRG**

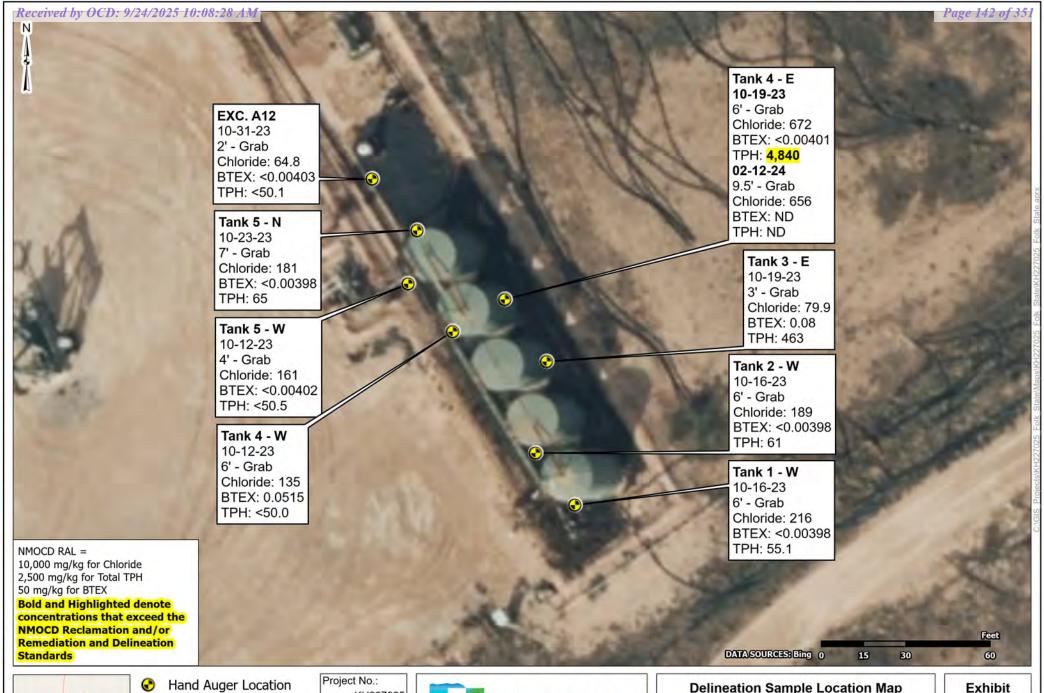


4526 W Pierce St Carlsbad, NM

PH. 806-300-0140

terracon.com

Folk State 11 Battery Eddy County, New Mexico 32.8336551° -104.0954615°





KH227025 Date:

May 16 2024 Drawn By:

JWL Reviewed By: **JRG**



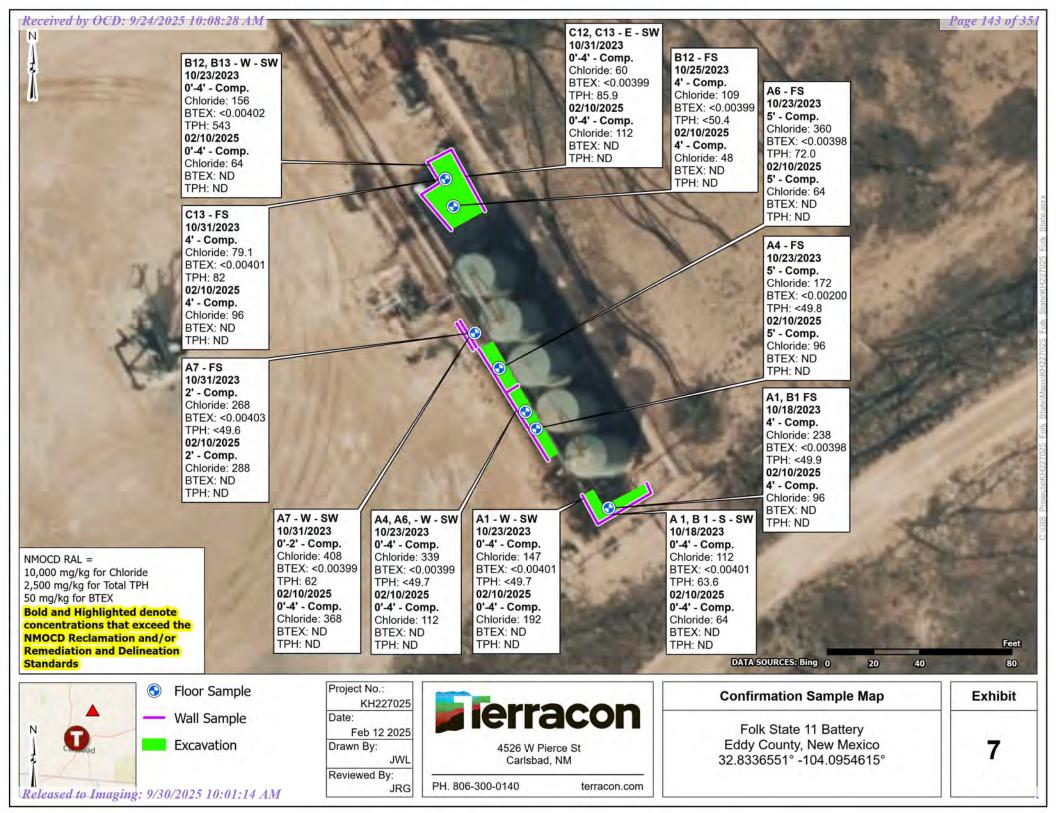
4526 W Pierce St Carlsbad, NM

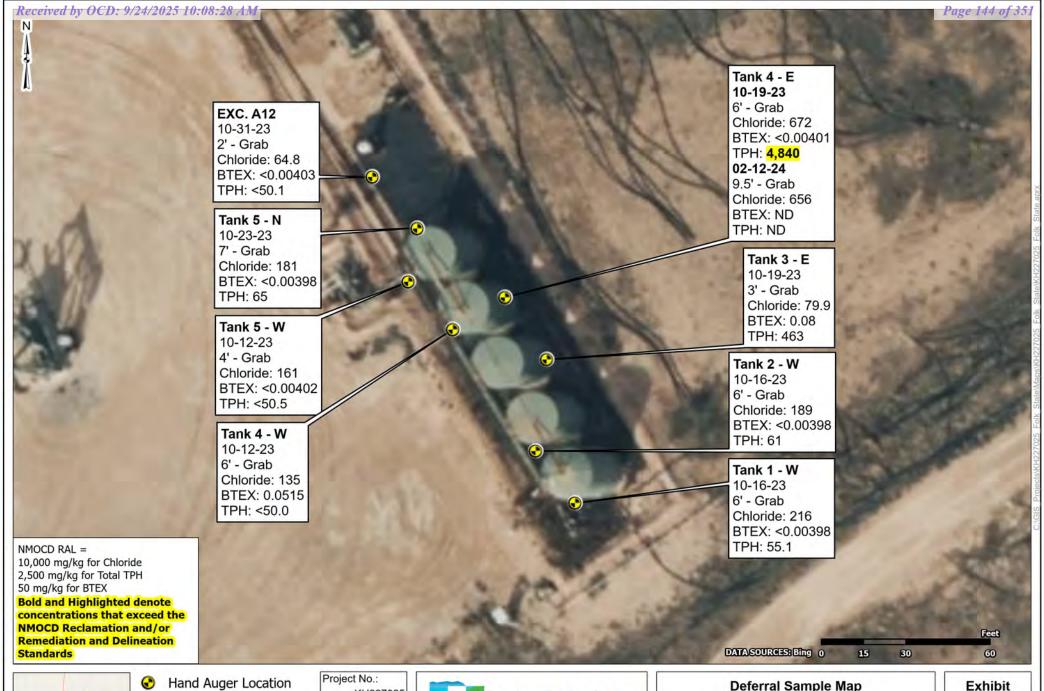
PH. 806-300-0140

terracon.com

Delineation Sample Location Map

Folk State 11 Battery Eddy County, New Mexico 32.8336551° -104.0954615°







Hand Auger Location

KH227025 Date: May 16 2024 Drawn By:

JWL Reviewed By: **JRG**



4526 W Pierce St Carlsbad, NM

PH. 806-300-0140

terracon.com

Deferral Sample Map

Folk State 11 Battery Eddy County, New Mexico 32.8336551° -104.0954615°

May 16, 2024					Terracon
NN	10CD R	EPORT I	DETAILS	}	
<u>Submission</u>	Contact, Ap	plication, Fee	and Payment	<u>Details</u>	
Name: Kathy Purvis					
Email: katherine.purvis@spurene	ergy.com				
Phone: (575) 441-8619	Testale	l Delegge C 1	44		
		I Release C-1 lication Detail			
Incident ID:	App	nAPP22326795			
District:		Artesia		-	
County:		Eddy			_
Legal Description:	Unit:J	Section:17	Township:17S	Range:29E	
Lat/Long:	N:32.83371°		E:-104.09593°		
Total days C		rerequisites			
Incident Operator:	Sp	ur Energy Partne	rs LLP		
Release Type: Incident Status:	Ponding 6	Crude Oil Submission of Clo	ocura Danort		
incluent Status:	_	ase Informati			
Site Name:	KSIS		k State 11 Battery	/	
Date Discovered:	1	7.01	11/22/2022		(MM/DD/YYY)
Surface Owner:			Private		
	Inc	cident Details			
Incident Type:		Oil	Release		_
Fire:			No		
Injuries:			No		_
Watercourse:			No		_
Public Health:	1		No		-
Significant to Property or Environment: Detrimental to Freshwater:	+		No No		
Detrimental to Fleshwater.	Nature an	d Volume of F			
Released Product:	Natal e all		ıde Oil		
Cause:		Equipm	ent Failure		
Source:			itting		-
Release:		27		(bbls/Mcf)	
Recovered:		25		(bbls/Mcf)	_
Additional Details:			ıde Oil		
	Nature an	d Volume of F	<u>Release</u>		
Is this a gas submission?	1	No			
Was this a major release (Y/N) >25bbls? Justification of release volume calculation:		Yes	(Att	ad Dalanas Valum	an Calaulatian)
Justification of release volume calculation:	Ini	No tial Response		ed Release Volun	ne Calculation)
Release has been stopped?	1	Yes			
Release area has been secured?		Yes			
Released material has been contained?	+	Yes			
All free liquids have been recovered?		Yes			
If actions have not been completed, why?		Yes	(Attached Expli	nation)	
	Remediati	on Action Pla	n C-141		
	Site (<u>Characterizati</u>	<u>on</u>		
Depth to groundwater beneath effected area?		- 100ft			
What method was used to determine depth?	Attached	d Document			
Did release impact GW or Surface Water?		No than E (mi.)			
Continuously flowing watercourse?		than 5 (mi.)	hotore	1 to E (m;)	7
Lakebed, sinkhole, or playa (measured from An occupied permanent residence?	1	than 5 (mi.)	between	1 to 5 (mi.)	
Spring or private domestic well?		1 to 5 (mi.)			
Incorporated municipal boundaries?		than 5 (mi.)			
Wetland?		1 to 5 (mi.)			
Subsurface mine?		than 5 (mi.)			
A (non-karst) unstable area?		than 5 (mi.)			
Categorize the risk of this well / site beir	ng in a karst ge	eology?	Me	dium	
A 100-year floodplair	1?		between	1 to 5 (mi.)	
Did the release impact areas not on an exploration	n, development	t, production, o	r storage site?		No

May 16, 2024				Toursoon
				ierracon
	andiation Dlan			
	mediation Plan			
Have lateral and vertical extents of impacts been delineated, to the strictest standards?	Yes			
Was the release entirely contained within a lined containment?	Yes			
Soil Contamination Sampling.		672	(- (1)	7
(provide the highest observed value for each)(0.1)	Chloride	672	(3, 3,	-
	Total TPH	4,840	(3, 3,	
	GRO+DRO	4,840	(3, 3,	
	ВТЕХ	1.08	(3, 3,	
	Benzene	0.08	(mg/kg)	
Date of Remediation Commencement.	10/9/2			
Date of Final Sampling or Liner Inspection.	2/23/2	024		
Date of Remediation Completion.	2/23/2	2024		
Estimated Surface Area (sq. ft.) to be reclaimed.	760	J		
Estimated Volume (cu. yds.) to be reclaimed.	146	5		
Estimated Surface Area (sq. ft.) to be remediated.	200	0		
Estimated Volume (cu. yds.) to be remediated.	450	ວ		
Excavation and off-site disposal (dig & haul).	Yes	c	(Ex-Situ)	
Excavation and on-site remediation (land farm).	No		(Ex-Situ)	-
Soil Vapor Extraction.	No		(In-Situ)	-
Chemical processing (soil shreddingetc).	No		(In-Situ)	-
Biological processing (microbes / fertilizeretc).	No		(In-Situ)	-
Physical processing (soil washing, gypsumetc).	No.		(In-Situ)	-
Ground Water Abatement.	1		(111-3114)	
Other (Non-listed remedial process).	No No			
	eferral Request			
Deferral Request (attachment with explanation)	Yes			
All areas reasonably needed for production or subsequent	100	<u>, </u>		
drilling operations have been stabilized, returned to the sites	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	!		
existing grade, and have a soil cover that prevents ponding of	Yes	ا		
water, minimizing dust and erosion.	<u> </u>			
Total Surface Area (sq. ft.) to be remediated.	200	-	(Square Feet)	
Total Volume (cu. yds.) to be remediated.	450)	(Cubic Yards)	
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	s !		
Estimated Surface Area (sq. ft.) to be reclaimed.	2000		(Square Feet)	
Estimated Volume (cu. yds.) to be reclaimed.	450	_	(Cubic Yards)	-
Attached Summary of Additional Remediation Activities.	Yes		(500.5 1.5 1.5)	
,	Yes			
Requesting Approval of Reclamation Completion.	169	<i>i</i>		

Closure Documentation
Folk State 11 Battery | Eddy County, New Mexico
February 12, 2025, | Terracon Project No. KH227025



APPENDIX B - TABLES AND WELL DATA

Table 1 Soil Analytical Results Summary - Confirmation Evaluation (Floor Samples) Project Code: KH227025 NMOCD Reference No. nAPP2232679528

							1		Gasoline Range	Diesel Range	Oil Range									
Sample ID Sample Date	Sample Depth											Sample Type	Sample Status	Chloride (mg/Kg)	Benzene (mg/Kg)	Total BTEX ¹ (mg/Kg)	Total TPH ² (mg/Kg)	Organics (C6-C10) (mg/Kg)	Organics (Over C10-C28) (mg/Kg)	Organics (Over C28-C36) (mg/Kg)
		(ft bgs)		Julia	EPA Method 300	EPA Method 8021B	EPA Method 8021B	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M									
					Conf	irmation Flo	or Samples	•												
A1, B1 - FS	10/18/2023	4	Composite	In-situ	238	< 0.00199	<0.00398	ND	ND	ND	ND									
A1, D1 13	2/10/2025	4	Composite	In-situ	96	ND	ND	ND	ND	ND	ND									
A4 - FS	10/23/2023	5	Composite	In-situ	172	< 0.00200	<0.00401	ND	ND	ND	ND									
AT 13	2/10/2025	5	Composite	In-situ	192	ND	ND	ND	ND	ND	ND									
A6 - FS	10/23/2023	5	Composite	In-situ	360	< 0.00199	<0.00398	72	ND	72	ND									
710 15	2/10/2025	5	Composite	In-situ	64	ND	ND	ND	ND	ND	ND									
A7 - FS	10/31/2023	2	Composite	In-situ	268	<0.00202	<0.00403	ND	ND	ND	ND									
7.7	2/10/2025	2	Composite	In-situ	288	ND	ND	ND	ND	ND	ND									
	10/19/2023	4	Composite	In-situ	47.7	<0.0504	< 0.101	120	ND	120	ND									
B12 - FS	10/25/2023	4	Composite	In-situ	109	<0.00200	<0.00399	ND	ND	ND	ND									
	2/10/2025	4	Composite	In-situ	48	ND	ND	ND	ND	ND	ND									
	10/23/2023	4	Composite	In-situ	113	< 0.00200	<0.00399	193	ND	193	ND									
C13 - FS	10/31/2023	4	Composite	In-situ	79.1	< 0.00200	<0.00401	82	ND	82	ND									
	2/10/2025	4	Composite	In-situ	32	ND	ND	ND	ND	ND	ND									
	NMOCD Reclam	ation Stand	dards ³		10,000	10	10	2,500	,	000	N/A									
	NMOCD Remed	iation Stand	dards ⁴		10,000	10	10	2,500	1,	000	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-vegatation (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
- ND = Constituent was not detected above the indicated laboratory sample detection limit (SDL). $NA = Not \ Analyzed$

Bold denotes concentrations above applicable laboratory SDLs.

Bold and Highlighted denote concentrations that 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 permited disposal facility.

Soil Analytical Results Summary - Confirmation Evaluation (Wall Samples) Project Code: KH227025 NMOCD Reference No. nAPP2232679528

					INITIO	CD Reference	NO. HAFF22	320/9320										
Sample ID	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Start Depth	Sample Final Depth	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)
		(ft bgs)	(ft bgs)		Status	EPA Method 300	EPA Method 8021B	EPA Method 8021B	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M						
						Confirmatio	n Wall Samp	les		•								
A1, B1 - S - SW	10/18/2023	0	4	Composite	In-situ	112	< 0.00200	< 0.00401	63.6	ND	63.6	ND						
A1, D1 - 5 - 5W	2/10/2025	0	4	Composite	In-situ	64	ND	ND	ND	ND	ND	ND						
A1 - W - SW	10/23/2023	0	4	Composite	In-situ	147	< 0.00200	< 0.00401	ND	ND	ND	ND						
A1 - W - SW	2/10/2025	0	4	Composite	In-situ	192	ND	ND	ND	ND	ND	ND						
A4,A6 - W - SW	10/23/2023	0	5	Composite	In-situ	339	< 0.00200	< 0.00399	ND	ND	ND	ND						
A+,A0 - W - 5W	2/10/2025	0	4	Composite	In-situ	112	ND	ND	ND	ND	ND	ND						
	10/18/2023	0	2	Composite	In-situ	125	< 0.00202	< 0.00403	1310	ND	1310	ND						
A7 - W - SW	10/31/2023	0	2	Composite	In-situ	408	< 0.00200	< 0.00399	62	ND	62	ND						
	2/10/2025	0	2	Composite	In-situ	368	ND	ND	10	ND	10	ND						
B12,B13 - W - SW	10/23/2023	0	4	Composite	In-situ	156	< 0.00201	< 0.00402	543	ND	543	ND						
D12,D13 - W - 3W	2/10/2025	0	4	Composite	In-situ	64	ND	ND	ND	ND	ND	ND						
C12,C13 - NE - SW	10/23/2023	0	4	Composite	In-situ	90.8	< 0.00199	< 0.00398	181	ND	181	ND						
C12,C13 - NL - 3W	10/31/2023	0	4	Composite	In-situ	60	<0.00200	< 0.00399	85.9	ND	85.9	ND						
C12,C13 - E - SW	2/10/2025	0	4	Composite	In-situ	112	ND	ND	ND	ND	ND	ND						
	NMOCD Recl	amation Sta	andards ³			10,000	10	50	2,500		1,000	N/A						
	NMOCD Remediation Standards ⁴						10	50	2,500		1,000	N/A						

^{1.} BTEX = Benzene, toluene, ethylbenzene, and total xylenes

Bold denotes concentrations above applicable laboratory SDLs.

Bold and Highlighted denote concentrations that exceed the MMOCD 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.

^{2.} TPH = Total petroleum hydrocarbons
3. New Mexico Administration Code (NMAC) Restoration, Reclamation and Re-vegatation (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

$$[\]label{eq:ND} \begin{split} \text{ND} &= \text{Constituent was not detected above the indicated laboratory sample detection limit ($\widehat{\text{SDL}}$)}. \\ \text{NA} &= \text{Not Analyzed} \end{split}$$

Table 3 Soil Analytical Results Summary - Delineation / Deferral Zone Samples Folk State 11 Battery NMOCD Reference No. nAPP2232679528

Sample ID Sample Date		Sample Depth	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)
		(ft bgs)	,,,,		EPA Method 300	EPA Method 8021B	EPA Method 8021B	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M
	•					Deferral Sa	mples				
TANK 1 - W	10/16/23 09:58	6	Grab	In-situ	216	ND	ND	55.1	ND	55.1	ND
TANK 2 - W	10/16/23 15:13	6	Grab	In-situ	189	ND	ND	61	ND	61	ND
TANK 3 - W	10/16/2023	6		Refusal					ND		ND
TANK 4 - W	10/12/23 10:49	6	Grab	In-situ	135	ND	0.00515	ND	ND	ND	ND
TANK 5 - W	10/12/23 12:28	4	Grab	In-situ	161	ND	ND	ND	ND	ND	ND
TANK 1 - E	10/22/2023	6		Refusal					ND		ND
TANK 2 - E	10/22/2023	6		Refusal					ND		ND
TANK 3 - E	10/19/23 15:50	3	Grab	Refusal	79.9	0.08	0.08	463	ND	463	ND
TANK 4 - E	10/19/23 11:16	6	Grab	Refusal	672	ND	ND	4840	ND	4840	ND
TAINK 4 - L	2/23/2024	9.5	Grab	Refusal	656	ND	ND	ND	ND	ND	ND
TANK 5 - N	10/23/23 14:01	7	Grab	In-situ	181	ND	ND	65	ND	65	ND
Exc. A12	10/31/23 14:21	2	Grab	In-situ	64.8	ND	ND	ND	ND	ND	ND
	•			•							•
	NMOCD Reclam (Surface t	ation Stand o 4 ft bgs)	ards ³		10,000	10	10	2,500	1,	000	N/A
	NMOCD Remedi (Greater than De				10,000	10	10	2,500	1,	000	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-vegatation (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 ND = Constituent was not detected above the indicated laboratory sample detection limit (SDL).

Bold denotes concentrations above applicable laboratory SDLs.

Bold and Highlighted denote concentrations that 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.

Desert Sand Water Well Services, LLC.

Soil Bore Report

				Son Dore Report							
oju	Customer:			Phone:	Date:						
Well Info	ESS/Sp	our Energ	5y	575-390-6397	13/10/20						
al/	Well Name:			Location:	Location: 32.8336260, -104.0965154						
General	Folk St	ate		32.8336260, -104.096							
	Di	EPTH									
	FROM	TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTED BEARING CAVITIES OR FRAC							
	0	3	3	TOP SOIL	TOP SOIL						
	3	14	11	CHALECHE							
	14	20	6	RED SAND/CLAY							
	20	30	10	RED SAND							
	30	78	48	ANHYDRITE / RED SNAD /	ANHYDRITE / RED SNAD / CLAY						
		Singuist Control of the Control of t									
100				LEFT BORE HOLE OPEN FOR 48 HOURS. UPON RE							
				STILL DRY AT 78'. PLUGGED BORE HOLE F	ROM THE BOTTOM U						
		la la		WITH 3/8 HOLE PLUG (BENTON	ITE CHIP).						
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FOLK STATE #11 BATTERY DRILLING PHOTOS





Closure Documentation
Folk State 11 Battery | Eddy County, New Mexico
February 12, 2025, | Terracon Project No. KH227025



APPENDIX C - PHOTOGRAPHIC LOG

Folk 11 ■ Lea County, New Mexico
November 1, 2023 ■ NMOCD ID: nAPP2232679528





PHOTO 1: View of the signs.



PHOTO 2: View of the signs 2.

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528





PHOTO 3: View of the tanks in the battery.



PHOTO 4: North facing view of the west side of tanks.

Folk 11 • Lea County, New Mexico
November 1, 2023 • NMOCD ID: nAPP2232679528





PHOTO 5: North facing view of the west side of tanks where the spill was concentrated.



PHOTO 6: Northwest facing view of open area in the center of the tank battery from the ground.

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528





PHOTO 7: Southeast facing view of the West side of the tanks.



PHOTO 8: South facing view of the East side of the tanks

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528





PHOTO 9: North facing view of the center of the battery north of the tanks.



PHOTO 10: North facing view of the northern tank battery.

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528





PHOTO 11: Beginning of excavation South of tanks.



PHOTO 12: Continuation of excavation South of tanks.

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528





PHOTO 13: Birds eye view of completed excavation South of tanks.



PHOTO 14: Birds eye view of completed excavation Southwest of tanks.

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528





PHOTO 15: Birds eye view of completed excavation South of tanks.



PHOTO 16: Birds eye view of completed excavation Southwest of tanks

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528





PHOTO 17: North facing view West side of tanks.



PHOTO 18: Birds eye view of the beginning of the West trench.

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528





PHOTO 19: Birds eye view of the completed excavation of the West trench 1.



PHOTO 20: Birds eye view of the completed excavation of the West trench 2.

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528





PHOTO 21: Birds eye view of the backfilled West trench 1.



PHOTO 22: Birds eye view of the backfilled West trench 2.

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528





PHOTO 23: Birds eye view of the small trench on the West side of tanks.



PHOTO 24: Birds eye view of the backfilled small trench on the West side of tanks.

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528





PHOTO 25: Birds eye view of the area North of the tanks.



PHOTO 26: Northeast facing view of the area North of the tanks.

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528



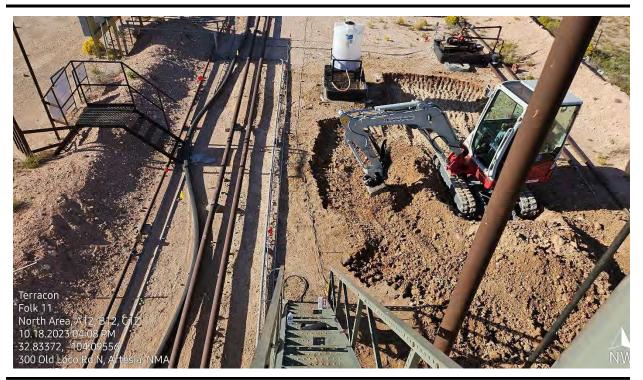


PHOTO 27: Birds eye view of the excavation in progress North of the tanks.



PHOTO 28: Birds eye view of the completed excavation North of the tanks.

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528





PHOTO 29: Southwest facing view of completed excavation North of the tanks.



PHOTO 30: East facing view of completed excavation North of the tanks.

Folk 11 Lea County, New Mexico
November 1, 2023 NMOCD ID: nAPP2232679528





PHOTO 31: Birds eye view of the backfilled excavation North of the tanks.



PHOTO 32: East facing view of backfilled excavation North of the tanks.

Closure Documentation
Folk State 11 Battery | Eddy County, New Mexico
February 12, 2025 | Terracon Project No. KH227025



APPENDIX D – ANALYTICAL REPORT AND CHAIN OF CUSTODY

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joseph Guesnier Terracon Consulting Eng & Scientists 5847 50th St Lubbock, Texas 79424

Generated 10/20/2023 9:29:04 AM

JOB DESCRIPTION

Folk 11 SDG NUMBER KH227025

JOB NUMBER

890-5469-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization

Generated 10/20/2023 9:29:04 AM

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

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Eurofins Carlsbad

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).

MAMER

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Client: Terracon Consulting Eng & Scientists Project/Site: Folk 11

Laboratory Job ID: 890-5469-1 SDG: KH227025

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Definitions/Glossary

Job ID: 890-5469-1 Client: Terracon Consulting Eng & Scientists Project/Site: Folk 11 SDG: KH227025

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier **Qualifier Description** F1 MS and/or MSD recovery exceeds control limits. MS/MSD RPD exceeds control limits F2

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

HPLC/IC

Qualifier **Qualifier Description** F1 MS and/or MSD recovery exceeds control limits. U Indicates the analyte was analyzed for but not detected.

Glossary

%R

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

CFL Contains Free Liquid CFU Colony Forming Unit CNF Contains No Free Liquid

Percent Recovery

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

Decision Level Concentration (Radiochemistry) DLC

EDL Estimated Detection Limit (Dioxin) Limit of Detection (DoD/DOE) LOD LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" Minimum Detectable Activity (Radiochemistry) MDA Minimum Detectable Concentration (Radiochemistry) MDC

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**

Presumptive **PRES** QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) TFO

TNTC Too Numerous To Count

Eurofins Carlsbad

Case Narrative

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5469-1 Project/Site: Folk 11 SDG: KH227025

Job ID: 890-5469-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-5469-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 10/17/2023 8:27 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 4.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: TANK 1 -W (890-5469-1) and TANK 2 -W (890-5469-2).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-64913 and analytical batch 880-64935 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.

GC Semi VOA

Method 8015MOD NM: The surrogate recovery for the blank associated with preparation batch 880-65041 and analytical batch 880-65018 was outside the upper control limits.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-65018/31), (CCV 880-65018/47) and (CCV 880-65018/58). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: Surrogate recovery for the following sample was outside control limits: (890-5474-A-1-D). 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: TANK 1 -W (890-5469-1) and TANK 2 -W (890-5469-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD NM: The method blank for preparation batch 880-65041 and analytical batch 880-65018 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD NM: Spike compounds were inadvertently omitted during the extraction process for the matrix spike duplicate (MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-65041 and analytical batch 880-65018. The associated laboratory control sample (LCS) met acceptance criteria.

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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-65038 and 880-65038

Case Narrative

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5469-1 SDG: KH227025 Project/Site: Folk 11

Job ID: 890-5469-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

and analytical batch 880-65042 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.

The associated samples are: TANK 2 -W (890-5469-2), (890-5474-A-10-A), (890-5474-A-10-B MS) and (890-5474-A-10-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: Folk 11

SDG: KH227025

Lab Sample ID: 890-5469-1

Job ID: 890-5469-1

Matrix: Solid

Client Sample ID: TANK 1 -W

Date Collected: 10/16/23 09:58

Date Received: 10/17/23 08:27

Sample Depth: 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/18/23 11:00	10/18/23 13:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/18/23 11:00	10/18/23 13:48	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		10/18/23 11:00	10/18/23 13:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/18/23 11:00	10/18/23 13:48	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		10/18/23 11:00	10/18/23 13:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/18/23 11:00	10/18/23 13:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/18/23 11:00	10/18/23 13:48	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/18/23 11:00	10/18/23 13:48	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 13:48	1
Method: SW846 8015 NM - Diese	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	55.1		50.2		mg/Kg			10/20/23 03:14	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.2	U	50.2		mg/Kg		10/19/23 12:14	10/20/23 03:14	
(GRO)-C6-C10									1
Diesel Range Organics (Over	55.1		50.2		mg/Kg		10/19/23 12:14	10/20/23 03:14	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	55.1 <50.2	U	50.2 50.2		mg/Kg		10/19/23 12:14 10/19/23 12:14	10/20/23 03:14 10/20/23 03:14	1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)		U Qualifier							1
Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate	<50.2		50.2				10/19/23 12:14	10/20/23 03:14	1
Diesel Range Organics (Over C10-C28)	<50.2 %Recovery	Qualifier	50.2 <i>Limits</i>				10/19/23 12:14 Prepared	10/20/23 03:14 Analyzed	1 1 Dil Fac
Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.2 **Recovery 135 115	Qualifier S1+	50.2 Limits 70 - 130 70 - 130				10/19/23 12:14 Prepared 10/19/23 12:14	10/20/23 03:14 Analyzed 10/20/23 03:14	1 1 1 Dil Fac
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.2 **Recovery 135 115 Chromatograp	Qualifier S1+	50.2 Limits 70 - 130 70 - 130	MDL	mg/Kg	D	10/19/23 12:14 Prepared 10/19/23 12:14	10/20/23 03:14 Analyzed 10/20/23 03:14	1 1 Dil Fac

Client Sample ID: TANK 2 -W

Date Collected: 10/16/23 15:13

Date Received: 10/17/23 08:27

Sample Depth: 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/18/23 11:00	10/18/23 14:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/18/23 11:00	10/18/23 14:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/18/23 11:00	10/18/23 14:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/18/23 11:00	10/18/23 14:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/18/23 11:00	10/18/23 14:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/18/23 11:00	10/18/23 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				10/18/23 11:00	10/18/23 14:08	

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Lab Sample ID: 890-5469-2

Matrix: Solid

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5469-1 SDG: KH227025

Project/Site: Folk 11

Lab Sample ID: 890-5469-2

Matrix: Solid

Client Sample ID: TANK 2 -W Date Collected: 10/16/23 15:13 Date Received: 10/17/23 08:27

Sample Depth: 6

Method: SW846 8021B - Volat	ile Organic Compounds	(GC) (Continued)
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Surrogate	%Recovery Qualifie	r Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101	70 - 130	10/18/23 11:00	10/18/23 14:08	1

Method: TAI	SOP Total BTEX	- Total RTFY	Calculation

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398 U	0.00398	ma/Ka			10/18/23 14:08	1

Method: SW846 8015 NM - Die	cal Pango Organico (DDO) (CC	Α.
Method. 344046 6013 MM - Die	sei Railye Organics (DRO) (GC	•

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	61.0		49.6	ma/Ka			10/20/23 03:36	1

Method: SW846 8015B NM - Diesel Range Or	ganics (DRO)	(GC)
Michiga Offoro Colod Min - Dieser Range Of	garries (Dito)	(00)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/19/23 12:14	10/20/23 03:36	1
Diesel Range Organics (Over C10-C28)	61.0		49.6		mg/Kg		10/19/23 12:14	10/20/23 03:36	1
Oll Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/19/23 12:14	10/20/23 03:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepare	ed Analy	zed Dil Fac
1-Chlorooctane	138	S1+	70 - 130	10/19/23	2:14 10/20/23	3 03:36 1
o-Terphenyl	119		70 - 130	10/19/23	2:14 10/20/23	3 03:36 1

Method: EPA 300.0 - Anions	s, Ion Chromatography - S	Soluble
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Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	189	4.96		mg/Kg			10/19/23 19:07	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5469-1

SDG: KH227025

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)	
880-34579-A-1-B MS	Matrix Spike	99	110	
880-34579-A-1-C MSD	Matrix Spike Duplicate	105	118	
890-5469-1	TANK 1 -W	92	106	
890-5469-2	TANK 2 -W	96	101	
LCS 880-64913/1-A	Lab Control Sample	97	108	
LCSD 880-64913/2-A	Lab Control Sample Dup	97	112	
MB 880-64913/5-B	Method Blank	113	141 S1+	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

_			
		1001	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-5469-1	TANK 1 -W	135 S1+	115
890-5469-2	TANK 2 -W	138 S1+	119
890-5474-A-1-E MS	Matrix Spike	129	90
890-5474-A-1-F MSD	Matrix Spike Duplicate	120	94
LCS 880-65041/2-A	Lab Control Sample	92	87
LCSD 880-65041/3-A	Lab Control Sample Dup	83	74
MB 880-65041/1-A	Method Blank	198 S1+	168 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5469-1

SDG: KH227025

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-64913/5-B

Matrix: Solid

Analysis Batch: 64935

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64913

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/18/23 09:25	10/18/23 12:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/18/23 09:25	10/18/23 12:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/18/23 09:25	10/18/23 12:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/18/23 09:25	10/18/23 12:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/18/23 09:25	10/18/23 12:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/18/23 09:25	10/18/23 12:15	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	10/18/23 09:25	10/18/23 12:15	1
1,4-Difluorobenzene (Surr)	141	S1+	70 - 130	10/18/23 09:25	10/18/23 12:15	1

Lab Sample ID: LCS 880-64913/1-A

Matrix: Solid

Analysis Batch: 64935

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64913

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1083		mg/Kg		108	70 - 130	
Toluene	0.100	0.09634		mg/Kg		96	70 - 130	
Ethylbenzene	0.100	0.09209		mg/Kg		92	70 - 130	
m-Xylene & p-Xylene	0.200	0.2067		mg/Kg		103	70 - 130	
o-Xylene	0.100	0.09873		mg/Kg		99	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-64913/2-A

Matrix: Solid

Analysis Batch: 64935

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 64913

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1135		mg/Kg		114	70 - 130	5	35
Toluene	0.100	0.09325		mg/Kg		93	70 - 130	3	35
Ethylbenzene	0.100	0.08243		mg/Kg		82	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.2035		mg/Kg		102	70 - 130	2	35
o-Xylene	0.100	0.1007		mg/Kg		101	70 - 130	2	35

LCSD LCSD

Surrogate	%Recovery (Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1.4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-34579-A-1-B MS

Matrix: Solid

Analysis Batch: 64935

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 64913

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00198	U	0.0998	0.1074		mg/Kg		108	70 - 130	
Toluene	<0.00198	U	0.0998	0.08975		mg/Kg		90	70 - 130	

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Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5469-1

SDG: KH227025

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

Lab Sample ID: 880-34579-A-1-B MS

Lab Sample ID: 880-34579-A-1-C MSD

Matrix: Solid

Matrix: Solid

Analysis Batch: 64935

Analysis Batch: 64935

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 64913

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00198	U	0.0998	0.09101		mg/Kg		91	70 - 130	
m-Xylene & p-Xylene	<0.00396	U	0.200	0.2047		mg/Kg		103	70 - 130	
o-Xylene	<0.00198	U	0.0998	0.09593		mg/Kg		96	70 - 130	

MS MS

Surrogate	%Recovery Qua	lifier Limits
4-Bromofluorobenzene (Surr)	99	70 - 130
1,4-Difluorobenzene (Surr)	110	70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 64913

RPD

Sample Sample Spike MSD MSD Result Qualifier Added Result Qualifier %Rec RPD Limit Analyte Unit Limits 0.100 Benzene <0.00198 U 0.1053 mg/Kg 105 70 - 130 2 35 0.08351 Toluene <0.00198 U 0.100 mg/Kg 83 70 - 130 35 Ethylbenzene <0.00198 U 0.100 0.08399 84 70 - 130 8 35 mg/Kg 0.201 70 - 130 35 m-Xylene & p-Xylene <0.00396 U 0.1931 mg/Kg 96 6 <0.00198 U 0.100 0.09111 70 - 130 o-Xylene mg/Kg 90

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

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

Lab Sample ID: MB 880-65041/1-A

Matrix: Solid

Analysis Batch: 65018

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 65041

-	MB	MB						•	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/19/23 12:14	10/19/23 19:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/19/23 12:14	10/19/23 19:30	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/19/23 12:14	10/19/23 19:30	1
	MB	MB							

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	198	S1+	70 - 130	10/19/23 12:14	10/19/23 19:30	1
o-Terphenyl	168	S1+	70 - 130	10/19/23 12:14	10/19/23 19:30	1

Lab Sample ID: LCS 880-65041/2-A

Matrix: Solid

Analysis Batch: 65018

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 65041

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	977.6		mg/Kg		98	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1002		mg/Kg		100	70 - 130	
C10-C28)								

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5469-1

SDG: KH227025

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

LCS LCS

Lab Sample ID: LCS 880-65041/2-A

Matrix: Solid

Analysis Batch: 65018

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 65041

%Recovery Qualifier

Surrogate Limits 1-Chlorooctane 92 70 - 130 o-Terphenyl 87 70 - 130

Client Sample ID: Lab Control Sample Dup

70 - 130

99

Prep Type: Total/NA

Prep Batch: 65041

Lab Sample ID: LCSD 880-65041/3-A **Matrix: Solid**

Lab Sample ID: 890-5474-A-1-E MS

Analysis Batch: 65018

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1000 927.1 93 70 - 1305 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10

987.6

mg/Kg

1000

Diesel Range Organics (Over C10-C28)

Matrix: Solid

Analysis Batch: 65018

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	83		70 - 130
o-Terphenyl	74		70 - 130

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 65041

Spike MS MS Sample Sample Analyte Result Qualifier Result Qualifier Added Unit D %Rec Limits Gasoline Range Organics <81.0 U F1 F2 1300 1174 mg/Kg 87 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <81.0 U F1 F2 1300 1559 mg/Kg 118 70 - 130

C10-C28)

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 890-5474-A-1-F MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 65018

Prep Type: Total/NA

Prep Batch: 65041 RPD %Rec

MSD MSD Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit Gasoline Range Organics <81.0 U F1 F2 1300 116.4 F1 F2 5 70 - 130 164 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <81.0 U F1 F2 1300 <64.9 U F1 F2 mg/Kg -0.1 70 - 130 194 20

C10-C28)

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	94		70 - 130

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Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5469-1

SDG: KH227025

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-65038/1-A

Lab Sample ID: LCS 880-65038/2-A

Client Sample ID: Method Blank

Prep Type: Soluble

Analysis Batch: 65042

Matrix: Solid

Matrix: Solid

MB MB

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 mg/Kg 10/19/23 12:49

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analysis Batch: 65042

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 246.4 mg/Kg 99 90 - 110

Lab Sample ID: LCSD 880-65038/3-A Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Matrix: Solid

Analysis Batch: 65042

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 246.9 mg/Kg 90 - 110

Lab Sample ID: 890-5474-A-10-B MS Client Sample ID: Matrix Spike **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 65042

MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 188 F1 250 404.9 F1 87 90 - 110 mg/Kg

Lab Sample ID: 890-5474-A-10-C MSD

Matrix: Solid

Analysis Batch: 65042

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 188 F1 403.8 F1 Chloride 250 mg/Kg 86 90 - 110 0 20

QC Association Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5469-1 SDG: KH227025

GC VOA

Prep Batch: 64913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5469-1	TANK 1 -W	Total/NA	Solid	5035	
890-5469-2	TANK 2 -W	Total/NA	Solid	5035	
MB 880-64913/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-64913/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-64913/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-34579-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-34579-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 64935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5469-1	TANK 1 -W	Total/NA	Solid	8021B	64913
890-5469-2	TANK 2 -W	Total/NA	Solid	8021B	64913
MB 880-64913/5-B	Method Blank	Total/NA	Solid	8021B	64913
LCS 880-64913/1-A	Lab Control Sample	Total/NA	Solid	8021B	64913
LCSD 880-64913/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	64913
880-34579-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	64913
880-34579-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	64913

Analysis Batch: 65091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5469-1	TANK 1 -W	Total/NA	Solid	Total BTEX	
890-5469-2	TANK 2 -W	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 65018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5469-1	TANK 1 -W	Total/NA	Solid	8015B NM	65041
890-5469-2	TANK 2 -W	Total/NA	Solid	8015B NM	65041
MB 880-65041/1-A	Method Blank	Total/NA	Solid	8015B NM	65041
LCS 880-65041/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	65041
LCSD 880-65041/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	65041
890-5474-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	65041
890-5474-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	65041

Prep Batch: 65041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5469-1	TANK 1 -W	Total/NA	Solid	8015NM Prep	
890-5469-2	TANK 2 -W	Total/NA	Solid	8015NM Prep	
MB 880-65041/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-65041/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-65041/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
390-5474-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-5474-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 65141

Released to Imaging: 9/30/2025 10:01:14 AM

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5469-1	TANK 1 -W	Total/NA	Solid	8015 NM	
890-5469-2	TANK 2 -W	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5469-1

SDG: KH227025

HPLC/IC

Leach Batch: 65038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5469-1	TANK 1 -W	Soluble	Solid	DI Leach	
890-5469-2	TANK 2 -W	Soluble	Solid	DI Leach	
MB 880-65038/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-65038/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-65038/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-5474-A-10-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-5474-A-10-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 65042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5469-1	TANK 1 -W	Soluble	Solid	300.0	65038
890-5469-2	TANK 2 -W	Soluble	Solid	300.0	65038
MB 880-65038/1-A	Method Blank	Soluble	Solid	300.0	65038
LCS 880-65038/2-A	Lab Control Sample	Soluble	Solid	300.0	65038
LCSD 880-65038/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	65038
890-5474-A-10-B MS	Matrix Spike	Soluble	Solid	300.0	65038
890-5474-A-10-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	65038

Lab Chronicle

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5469-1 SDG: KH227025

Client Sample ID: TANK 1 -W

Date Collected: 10/16/23 09:58 Date Received: 10/17/23 08:27 Lab Sample ID: 890-5469-1

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 5.02 g 5 mL 64913 10/18/23 11:00 MNR **EET MID** Total/NA Analysis 8021B 1 5 mL 5 mL 64935 10/18/23 13:48 MNR EET MID Total/NA Analysis Total BTEX 65091 10/18/23 13:48 SM **EET MID** 8015 NM Total/NA Analysis 1 65141 10/20/23 03:14 SM **EET MID** 65041 TKC EET MID Total/NA 8015NM Prep 9.97 g 10 mL 10/19/23 12:14 Prep Total/NA Analysis 8015B NM 1 uL 1 uL 65018 10/20/23 03:14 SM **EET MID** Soluble 5.01 g 50 mL 65038 10/19/23 17:00 SMC DI Leach **EET MID** Leach Soluble Analysis 300.0 50 mL 50 mL 65042 10/19/23 19:02 СН **EET MID**

Client Sample ID: TANK 2 -W

Date Collected: 10/16/23 15:13

Date Received: 10/17/23 08:27

Lab Sample ID: 890-5469-2

Matrix: Solid

Dil Initial Final Batch Batch Batch Prepared Prep Type Туре Method Factor Amount Amount Number or Analyzed Lab Run **Analyst** Prep 5.03 g Total/NA 5035 5 mL 64913 10/18/23 11:00 MNR EET MID 8021B Total/NA Analysis 1 5 mL 5 mL 64935 10/18/23 14:08 MNR EET MID Total/NA Total BTEX Analysis 1 65091 10/18/23 14:08 SM **EET MID** Total/NA Analysis 8015 NM 65141 10/20/23 03:36 SM **EET MID** Total/NA 8015NM Prep 10.09 g 10 mL 65041 10/19/23 12:14 TKC **EET MID** Prep Total/NA Analysis 8015B NM 1 uL 1 uL 65018 10/20/23 03:36 SM **EET MID** Soluble DI Leach 5.04 g 50 mL 65038 10/19/23 17:00 SMC **EET MID** Leach Soluble Analysis 300.0 50 mL 50 mL 65042 10/19/23 19:07 СН **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

Job ID: 890-5469-1

Project/Site: Folk 11

SDG: KH227025

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELAI	Р	T104704400-23-26	06-30-24
The following analytes	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
for which the agency do	oes not offer certification.	•		
for which the agency do Analysis Method	oes not offer certification. Prep Method	Matrix	Analyte	
o ,		Matrix Solid	Analyte Total TPH	

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Method Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5469-1 SDG: KH227025

Method **Method Description** Protocol Laboratory 8021B Volatile Organic Compounds (GC) SW846 EET MID **Total BTEX Calculation** Total BTEX 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 **EET MID** Closed System Purge and Trap SW846 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

Eurofins Carlsbad

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Sample Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5469-1 SDG: KH227025

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-5469-1	TANK 1 -W	Solid	10/16/23 09:58	10/17/23 08:27	6
890-5469-2	TANK 2 -W	Solid	10/16/23 15:13	10/17/23 08:27	6

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12 8 11/18]

Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody

'X (432) 704-5440, San Antonio, TX (210) 509-3334	n, TX (281) 240-4200, Dallas, TX (214) 902-0300
10) 509-3334	902-0300

Relin	or Eurona	Notice: Sign	Total Circle I					Tank 2	Tank		Total Containers:	Sample (Cooler C	Samples	SAMPL	PO #:	Sampler's Name:	Project Location:	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:					٠
Relinguished by: (Signature)	ACINCO. A IIMIMIN	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of services. Years a minimum charge of set on will be enforced unless previously nego.	Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed					2 - W	1 - W	Sample Identification	ntainers:	Sample Custody Seals:	Cooler Custody Seals:	Samples Received Intact:	SAMPLE RECEIPT		s Name:	ocation:	iumber:	ame:		e ZIP:		Name:	anager:				7210	Peurofins
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Chain of Custody Record

Eurofins Carlsbad 1089 N Canal St Carlsbad NM 88220 Phone 575-988-3199 Fax 575-988-3199 Client Information (Sub Contract Lab) Client Contact Shipping/Receiving Company Eurofins Environment Testing South Centr Address 1211 W Florida Ave, City Midland State Zip: TX, 79701 Phone. 432-704-5440(Tel) Email Project Name: folk 11 Site	Ch Sampler Phone Due Date Requested 10/19/2023 TAT Requested (days) PO# Project # 88000113 SSOW#:	Chain of Custody Record Lab PM Kramer, Jessica EMair Jessica Kramer Accreditation NELAP - T NELAP - T Sample (Yes or No) Calc (MOD) BTEX	of Cust	Lab PM Krame E-Mair Jessica	Record Lab PM Kramer, Jessica E-Mail: Jessica Kramer@et. eurofinsus com Accreditations Required (See note) NELAP - Texas Analys Analys	Texas	/8015NM_S_Prep (MOD) Full TPH	28D/DI_LEACH Chloride	Ysis R	Carrier Tra State of Or New Me:	Carrier Tracking No(s) State of Origin New Mexico uested	acking acking xico	No(s)			of containers	COC No. 890-1650 1 Page: Page 1 of 1 Job #: 890-5469-1 Preservation Codes A HCL R A HCL B Naciate D Nitric Acid E NaHSO4 F MeOH G Amchior H Ascorbic Acid I CEDA J DI Water K EDTA Y Other	Environment Testing M Hexane N-None O AsNaO2 P Na2SO3 G Na2SO3 R Na2SO3 R Na2SO3 R Na2SO4 T TSP Dodecahydrate U Acetone U Acetone U MCAA W MCAA W MCAA W Tizma Z other (specify)
Project Name: folk 11	WO# Project#: 89000113				(Yes or No)		M_S_Prep (MO	_LEACH Chlori									l ice J DI Water K EDTA EDA	
			Sample	Matrix (w=water S=solid,	orm MS/MSD	_BTEX_GCV	MOD_NM/8015N 	ORGFM_28D/DI									June 1	
Sample identification - Client ID (Lab ID)	Sample Date	4		BT=Tissue, A=Air)	Pe	Tot		300	4		1		17			Tot	Special Instructions/Note:	struction
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TANK 2 -W (890-5469-2)	10/16/23	15 13 Mountain		Solid	×	\vdash		×	_	-	_					٠		
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.	t Testing South Central ove for analysis/tests/n ntral LLC attention imn	I LLC places th natrix being and nediately If all	e ownership o alyzed, the sar requested acc	if method anal nples must be reditations are	yte & accred shipped bac current to d	itation cor k to the Ei ate, return	npliance irofins E the sign	upon ou nvironm ed Chai	ir subco ent Tes n of Cu	ontract ting So stody a	labora uth Ce	ntral 1 to sa	This s LC lat d com	ample orator pliance	shipm y or o	her ir	; forwarded under cl structions will be pr ; Environment Testi	nain-of-custo ovided. Any ng South Cer
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Ver 06/08/2021

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 890-5469-1

SDG Number: KH227025

Login Number: 5469 List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 890-5469-1

SDG Number: KH227025

Login Number: 5469 **List Source: Eurofins Midland** List Number: 2

List Creation: 10/18/23 12:44 PM

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	

Released to Imaging: 9/30/2025 10:01:14 AM

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joseph Guesnier Terracon Consulting Eng & Scientists 5847 50th St Lubbock, Texas 79424

Generated 10/23/2023 10:29:01 PM

JOB DESCRIPTION

Folk 11 SDG NUMBER KH227025

JOB NUMBER

890-5489-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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

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

Authorization

Generated 10/23/2023 10:29:01 PM

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies Page 2 of 22

Eurofins Carlsbad

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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Client: Terracon Consulting Eng & Scientists Project/Site: Folk 11

Laboratory Job ID: 890-5489-1 SDG: KH227025

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5489-1

Project/Site: Folk 11

SDG: KH227025

Qualifiers

GC VOA

 Qualifier
 Qualifier Description

 S1 Surrogate recovery exceeds control limits, low biased.

U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Description

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

HPLC/IC

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.

z 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

MI Minimum Loyal (Dioxin)

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

Eurofins Carlsbad

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Case Narrative

Client: Terracon Consulting Eng & Scientists
Project/Site: Folk 11

Job ID: 890-5489-1 SDG: KH227025

Job ID: 890-5489-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-5489-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 10/19/2023 10:04 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -4.2° C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: A1, B1-S-SW (890-5489-1), A8 - W-SW (890-5489-2) and A1, B1-FS (890-5489-3).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: (MB 880-65335/5-A) and (880-34727-A-11-G). 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.

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-65276 and analytical batch 880-65282 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: A1, B1-S-SW (890-5489-1) and A8 - W-SW (890-5489-2). 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: (CCV 880-65282/20), (CCV 880-65282/31) and (CCV 880-65282/5). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

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Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

SDG: KH227025

Client Sample ID: A1, B1-S-SW

Lab Sample ID: 890-5489-1

Date Collected: 10/18/23 11:03 Date Received: 10/19/23 10:04 Matrix: Solid

Job ID: 890-5489-1

Sample Depth: 0-4'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/23/23 09:14	10/23/23 12:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/23/23 09:14	10/23/23 12:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/23/23 09:14	10/23/23 12:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/23/23 09:14	10/23/23 12:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/23/23 09:14	10/23/23 12:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/23/23 09:14	10/23/23 12:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				10/23/23 09:14	10/23/23 12:24	1
1,4-Difluorobenzene (Surr)	79		70 - 130				10/23/23 09:14	10/23/23 12:24	1

Method: TAL SOP Total BTEX - To	tal BTEX Calc	ulation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/23/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	63.6		50.5	mg/Kg			10/22/23 16:44	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		10/21/23 16:11	10/22/23 16:44	1
Diesel Range Organics (Over C10-C28)	63.6		50.5		mg/Kg		10/21/23 16:11	10/22/23 16:44	1
Oll Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/21/23 16:11	10/22/23 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130	10/21/23 16:11	10/22/23 16:44	1
o-Terphenyl	119		70 - 130	10/21/23 16:11	10/22/23 16:44	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112	5.03	mg/Kg			10/20/23 13:36	1

Client Sample ID: A8 - W-SW Lab Sample ID: 890-5489-2

Date Collected: 10/18/23 10:54

Date Received: 10/19/23 10:04

Matrix: Solid

Sample Depth: 0-2'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/23/23 09:14	10/23/23 12:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/23/23 09:14	10/23/23 12:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/23/23 09:14	10/23/23 12:45	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/23/23 09:14	10/23/23 12:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/23/23 09:14	10/23/23 12:45	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/23/23 09:14	10/23/23 12:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				10/23/23 09:14	10/23/23 12:45	1

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Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

SDG: KH227025

Job ID: 890-5489-1

Client Sample ID: A8 - W-SW

Date Collected: 10/18/23 10:54 Date Received: 10/19/23 10:04

Sample Depth: 0-2'

Lab Sample ID: 890-5489-2

Matrix: Solid

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

 Surrogate
 %Recovery
 Qualifier
 Limits
 Prepared
 Analyzed
 Dil Fac

 1,4-Difluorobenzene (Surr)
 83
 70 - 130
 10/23/23 09:14
 10/23/23 12:45
 1

Method: TAL SOP Total BTEX - Total BTEX Calculation

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total BTEX
 <0.00403</td>
 U
 0.00403
 mg/Kg
 I
 10/23/23 12:45
 1

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

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total TPH
 1310
 50.0
 mg/Kg
 10/22/23 16:22
 1

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

MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Dil Fac <50.0 U 50.0 mg/Kg Gasoline Range Organics 10/21/23 16:11 10/22/23 16:22 (GRO)-C6-C10 50.0 10/21/23 16:11 10/22/23 16:22 **Diesel Range Organics (Over** 1310 mg/Kg C10-C28) OII Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 10/21/23 16:11 10/22/23 16:22

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 132 S1+ 70 - 130 10/21/23 16:11 10/22/23 16:22 109 70 - 130 10/21/23 16:11 10/22/23 16:22 o-Terphenyl

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Chloride
 125
 4.99
 mg/Kg
 10/20/23 13:41
 1

Client Sample ID: A1, B1-FS Lab Sample ID: 890-5489-3

Date Collected: 10/18/23 12:53 Date Received: 10/19/23 10:04

Sample Depth: 4'

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

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Benzene <0.00199 U 0.00199 mg/Kg 10/23/23 09:14 10/23/23 13:05 Toluene <0.00199 U 0.00199 10/23/23 09:14 10/23/23 13:05 mg/Kg Ethylbenzene <0.00199 U 0.00199 10/23/23 09:14 10/23/23 13:05 mg/Kg 10/23/23 13:05 m-Xylene & p-Xylene <0.00398 U 0.00398 10/23/23 09:14 mg/Kg o-Xylene <0.00199 U 0.00199 mg/Kg 10/23/23 09:14 10/23/23 13:05 Xylenes, Total <0.00398 U 0.00398 mg/Kg 10/23/23 09:14 10/23/23 13:05

%Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 85 70 - 130 4-Bromofluorobenzene (Surr) 10/23/23 09:14 10/23/23 13:05 1,4-Difluorobenzene (Surr) 82 70 - 130 10/23/23 09:14 10/23/23 13:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total BTEX
 <0.00398</td>
 U
 0.00398
 mg/Kg
 10/23/23 13:05
 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</td>
 U
 49.9
 mg/Kg
 10/22/23 17:06
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Matrix: Solid

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5489-1 SDG: KH227025

Project/Site: Folk 11

Lab Sample ID: 890-5489-3

Client Sample ID: A1, B1-FS Date Collected: 10/18/23 12:53 Date Received: 10/19/23 10:04

Matrix: Solid

Sample Depth: 4'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/21/23 16:11	10/22/23 17:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/21/23 16:11	10/22/23 17:06	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/21/23 16:11	10/22/23 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				10/21/23 16:11	10/22/23 17:06	1
o-Terphenyl	109		70 - 130				10/21/23 16:11	10/22/23 17:06	1

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	238		5.04		mg/Kg			10/20/23 13:58	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5489-1

SDG: KH227025

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)	
890-5489-1	A1, B1-S-SW	88	79	
890-5489-2	A8 - W-SW	89	83	
890-5489-3	A1, B1-FS	85	82	
LCS 880-65335/1-A	Lab Control Sample	107	111	
LCSD 880-65335/2-A	Lab Control Sample Dup	105	114	
MB 880-65335/5-A	Method Blank	66 S1-	101	
Surrogate Legend				
BFB = 4-Bromofluorobe	nzene (Surr)			
DFBZ = 1.4-Difluoroben	zene (Surr)			

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
_ab Sample ID	Client Sample ID	(70-130)	(70-130)	
90-5489-1	A1, B1-S-SW	140 S1+	119	
390-5489-2	A8 - W-SW	132 S1+	109	
390-5489-3	A1, B1-FS	122	109	
_CS 880-65276/2-A	Lab Control Sample	110	128	
_CSD 880-65276/3-A	Lab Control Sample Dup	108	120	
MB 880-65276/1-A	Method Blank	194 S1+	188 S1+	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5489-1 SDG: KH227025

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-65335/5-A

Matrix: Solid

Analysis Batch: 65321

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 65335

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/23/23 09:14	10/23/23 11:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/23/23 09:14	10/23/23 11:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/23/23 09:14	10/23/23 11:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/23/23 09:14	10/23/23 11:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/23/23 09:14	10/23/23 11:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/23/23 09:14	10/23/23 11:42	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130	10/23/23 09:14	10/23/23 11:42	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/23/23 09:14	10/23/23 11:42	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 65335

Prep Type: Total/NA

Prep Batch: 65335

Lab Sample ID: LCS 880-65335/1-A **Matrix: Solid**

Analysis Batch: 65321

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1038		mg/Kg		104	70 - 130	
Toluene	0.100	0.1094		mg/Kg		109	70 - 130	
Ethylbenzene	0.100	0.1078		mg/Kg		108	70 - 130	
m-Xylene & p-Xylene	0.200	0.2334		mg/Kg		117	70 - 130	
o-Xylene	0.100	0.1112		mg/Kg		111	70 - 130	
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LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 65321

Lab Sample ID: LCSD 880-65335/2-A

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1087		mg/Kg		109	70 - 130	5	35
Toluene	0.100	0.1097		mg/Kg		110	70 - 130	0	35
Ethylbenzene	0.100	0.1077		mg/Kg		108	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2300		mg/Kg		115	70 - 130	1	35
o-Xylene	0.100	0.1100		mg/Kg		110	70 - 130	1	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5489-1

SDG: KH227025

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

Lab Sample ID: MB 880-65276/1-A

Matrix: Solid

Analysis Batch: 65282

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 65276

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		10/21/23 16:11	10/22/23 08:17	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		10/21/23 16:11	10/22/23 08:17	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/21/23 16:11	10/22/23 08:17	1
	МВ	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	194	S1+	70 - 130				10/21/23 16:11	10/22/23 08:17	1
o-Terphenyl	188	S1+	70 - 130				10/21/23 16:11	10/22/23 08:17	1

Client Sample ID: Lab Control Sample

Matrix: Solid

Lab Sample ID: LCS 880-65276/2-A

Analysis Batch: 65282

Prep Type: Total/NA Prep Batch: 65276 LCS LCS

Spike Analyte Added Result Qualifier Unit D %Rec Limits 1000 981.7 98 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 956.4 mg/Kg 96 70 - 130C10-C28)

LCS LCS Qualifier Limits Surrogate %Recovery 1-Chlorooctane 110 70 - 130 o-Terphenyl 128 70 - 130

Lab Sample ID: LCSD 880-65276/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 65282

Prep Type: Total/NA Prep Batch: 65276

LCSD LCSD Spike %Rec RPD Added RPD Limit Analyte Result Qualifier Unit D %Rec Limits Gasoline Range Organics 1000 975.5 mg/Kg 98 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 910.9 mg/Kg 91 70 - 130 5 20 C10-C28)

LCSD LCSD %Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 108 120 70 - 130 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-65175/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 65226

мв мв Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 10/20/23 12:06 mg/Kg

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5489-1

SDG: KH227025

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: A8 - W-SW

Client Sample ID: A8 - W-SW

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-65175/2-A

Matrix: Solid

Analysis Batch: 65226

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Chloride 250 244.5 mg/Kg 98 90 - 110

Lab Sample ID: LCSD 880-65175/3-A

Matrix: Solid

Analysis Batch: 65226

Spike LCSD LCSD %Rec RPD Added Limit Analyte Result Qualifier Unit D %Rec Limits RPD Chloride 250 244.9 mg/Kg 98 90 - 110 0

Lab Sample ID: 890-5489-2 MS

Matrix: Solid

Analysis Batch: 65226

%Rec Spike MS MS Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 125 250 387.5 90 - 110 mg/Kg 105

Lab Sample ID: 890-5489-2 MSD

Matrix: Solid

Analysis Batch: 65226

Sample Sample MSD MSD RPD Spike %Rec Analyte Result Qualifier Added Qualifier Unit %Rec RPD Limit Result Limits 386.3 Chloride 125 250 105 90 - 110 0 20 mg/Kg

QC Association Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5489-1 SDG: KH227025

GC VOA

Analysis Batch: 65321

Lab Sample ID 890-5489-1	Client Sample ID A1, B1-S-SW	Prep Type Total/NA	Matrix Solid	Method 8021B	Prep Batch 65335
890-5489-2	A8 - W-SW	Total/NA	Solid	8021B	65335
890-5489-3	A1, B1-FS	Total/NA	Solid	8021B	65335
MB 880-65335/5-A	Method Blank	Total/NA	Solid	8021B	65335
LCS 880-65335/1-A	Lab Control Sample	Total/NA	Solid	8021B	65335
LCSD 880-65335/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	65335

Prep Batch: 65335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5489-1	A1, B1-S-SW	Total/NA	Solid	5035	
890-5489-2	A8 - W-SW	Total/NA	Solid	5035	
890-5489-3	A1, B1-FS	Total/NA	Solid	5035	
MB 880-65335/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-65335/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-65335/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 65410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5489-1	A1, B1-S-SW	Total/NA	Solid	Total BTEX	
890-5489-2	A8 - W-SW	Total/NA	Solid	Total BTEX	
890-5489-3	A1, B1-FS	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 65276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5489-1	A1, B1-S-SW	Total/NA	Solid	8015NM Prep	
890-5489-2	A8 - W-SW	Total/NA	Solid	8015NM Prep	
890-5489-3	A1, B1-FS	Total/NA	Solid	8015NM Prep	
MB 880-65276/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-65276/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-65276/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 65282

Lab Sample ID 890-5489-1	Client Sample ID A1, B1-S-SW	Prep Type Total/NA	Matrix Solid	Method 8015B NM	Prep Batch 65276
890-5489-2	A8 - W-SW	Total/NA	Solid	8015B NM	65276
890-5489-3	A1, B1-FS	Total/NA	Solid	8015B NM	65276
MB 880-65276/1-A	Method Blank	Total/NA	Solid	8015B NM	65276
LCS 880-65276/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	65276
LCSD 880-65276/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	65276

Analysis Batch: 65375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5489-1	A1, B1-S-SW	Total/NA	Solid	8015 NM	
890-5489-2	A8 - W-SW	Total/NA	Solid	8015 NM	
890-5489-3	A1, B1-FS	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5489-1

SDG: KH227025

HPLC/IC

Leach Batch: 65175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5489-1	A1, B1-S-SW	Soluble	Solid	DI Leach	
890-5489-2	A8 - W-SW	Soluble	Solid	DI Leach	
890-5489-3	A1, B1-FS	Soluble	Solid	DI Leach	
MB 880-65175/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-65175/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-65175/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-5489-2 MS	A8 - W-SW	Soluble	Solid	DI Leach	
890-5489-2 MSD	A8 - W-SW	Soluble	Solid	DI Leach	

Analysis Batch: 65226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5489-1	A1, B1-S-SW	Soluble	Solid	300.0	65175
890-5489-2	A8 - W-SW	Soluble	Solid	300.0	65175
890-5489-3	A1, B1-FS	Soluble	Solid	300.0	65175
MB 880-65175/1-A	Method Blank	Soluble	Solid	300.0	65175
LCS 880-65175/2-A	Lab Control Sample	Soluble	Solid	300.0	65175
LCSD 880-65175/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	65175
890-5489-2 MS	A8 - W-SW	Soluble	Solid	300.0	65175
890-5489-2 MSD	A8 - W-SW	Soluble	Solid	300.0	65175

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Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5489-1 SDG: KH227025

Client Sample ID: A1, B1-S-SW

Date Collected: 10/18/23 11:03 Date Received: 10/19/23 10:04 Lab Sample ID: 890-5489-1

Matrix: Solid

Matrix: Solid

Matrix: Solid

Lab Sample ID: 890-5489-3

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	65335	10/23/23 09:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	65321	10/23/23 12:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			65410	10/23/23 12:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			65375	10/22/23 16:44	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	65276	10/21/23 16:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	65282	10/22/23 16:44	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	65175	10/20/23 11:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	65226	10/20/23 13:36	CH	EET MID

Client Sample ID: A8 - W-SW Lab Sample ID: 890-5489-2

Date Collected: 10/18/23 10:54

Date Received: 10/19/23 10:04

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	65335	10/23/23 09:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	65321	10/23/23 12:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			65410	10/23/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			65375	10/22/23 16:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	65276	10/21/23 16:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	65282	10/22/23 16:22	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	65175	10/20/23 11:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	65226	10/20/23 13:41	CH	EET MID

Client Sample ID: A1, B1-FS

Date Collected: 10/18/23 12:53

Date Received: 10/19/23 10:04

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	65335	10/23/23 09:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	65321	10/23/23 13:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			65410	10/23/23 13:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			65375	10/22/23 17:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	65276	10/21/23 16:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	65282	10/22/23 17:06	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	65175	10/20/23 11:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	65226	10/20/23 13:58	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5489-1

Project/Site: Folk 11

SDG: KH227025

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400-23-26	06-30-24
0 ,	• •	ut the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
for which the agency do	oes not offer certification. Prep Method	Matrix	Analyte	
8015 NM	1 TOP MOUNTOU	Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

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Method Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5489-1 SDG: KH227025

EET MID

ASTM

Method **Method Description** Protocol Laboratory 8021B Volatile Organic Compounds (GC) SW846 EET MID **Total BTEX Calculation** Total BTEX 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 **EET MID** Closed System Purge and Trap SW846 8015NM Prep Microextraction SW846 EET MID

Protocol References:

DI Leach

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

Deionized Water Leaching Procedure

Laboratory References:

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

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Sample Summary

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5489-1 SDG: KH227025

Project/Site: Folk 11

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-5489-1	A1, B1-S-SW	Solid	10/18/23 11:03	10/19/23 10:04	0-4'
890-5489-2	A8 - W-SW	Solid	10/18/23 10:54	10/19/23 10:04	0-2'
890-5489-3	A1, B1-FS	Solid	10/18/23 12:53	10/19/23 10:04	4'

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Name: Terracon Company		Xenco			EL Pas	o TX (915	585-3443,	Lubbock, T	EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296			
Note Company Hame Company Hame Spur Company Hame Compa					Hobbs	, NM (575	392-7550,	Carlsbad, N	M (575) 988-3199	MM		Jo
Program University Program Program University Program P		uesnier		-	3ill to: (if different		pur				E	
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Confidence MANA SE220 Conj. State 2PF Conj		Pierce St		/	Address:					State of Project:		
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Number: Folk 11 Number: Folk 11 Number: Folk 11 Number: Folk 12 Numb		-0140		Email: (Sus.Sanchez@Terrac	on.com; Tr	ivis.Casey@	Terracon.con	r, Joseph. Guesnier@Terracon.	Deliverables:		ier:
Coordinates Coordinates	.omeN			Turn A	round				ANALYSIS	REQUEST	Presen	ative Codes
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Inters a valid purchase order from client company to Eurofina Xenzo, its affiliates and subcontractors. It assigns standard terms and conditions half not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control half proposed so expenses incurred by the client if such losses are due to circumstances beyond the control half sample submitted to Eurofins Xenzo, but not analyzed. These terms will be enforced unless previously negotiated. Date/Time Relinquished by: (Signature) Received by: (Signature)	Total 200.7 / 6010 20	0.8 / 6020:		RA 13PPN TCLP / SPI	M Texas 11 LP 6010 : 8RC	Al Sb /	s Ba B	B Cd C	Ta Cr Co Cu Fe Pk Co Cu Pb Mn Mo	Ai K Se	TI Sn U V	Zn 1
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Chain of Custody

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 890-5489-1

SDG Number: KH227025

Login Number: 5489 List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 890-5489-1

SDG Number: KH227025

Login Number: 5489 **List Source: Eurofins Midland** List Number: 2

List Creation: 10/20/23 11:02 AM

Creator: Rodriguez, Leticia

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	N/A	

<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joseph Guesnier Terracon Consulting Eng & Scientists 5847 50th St Lubbock, Texas 79424

Generated 10/25/2023 10:51:41 AM

JOB DESCRIPTION

Folk 11 SDG NUMBER KH227025

JOB NUMBER

890-5500-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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

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

Authorization

Generated 10/25/2023 10:51:41 AM

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

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Eurofins Carlsbad

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).

MRAMER

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Client: Terracon Consulting Eng & Scientists Project/Site: Folk 11

Laboratory Job ID: 890-5500-1 SDG: KH227025

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Definitions/Glossary

Job ID: 890-5500-1 Client: Terracon Consulting Eng & Scientists Project/Site: Folk 11 SDG: KH227025

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

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 Percent Recovery %R

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" Minimum Detectable Activity (Radiochemistry) MDA MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit Minimum Level (Dioxin) ML Most Probable Number MPN 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)

Reporting Limit or Requested Limit (Radiochemistry) RL

Relative Percent Difference, a measure of the relative difference between two points **RPD**

TEF Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5500-1 Project/Site: Folk 11 SDG: KH227025

Job ID: 890-5500-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-5500-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 10/20/2023 9:52 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 1.2°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: TANK 4 - E (890-5500-1), TANK 3 - E (890-5500-2) and B12 - FS (890-5500-3).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-65275 and analytical batch 880-65322 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-65447 and analytical batch 880-65444 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: B12 - FS (890-5500-3). 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 880-65120 and analytical batch 880-65444 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: TANK 3 - E (890-5500-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: B12 - FS (890-5500-3). Elevated reporting limits (RLs) are provided.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: TANK 3 - E (890-5500-2). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-65295 recovered below the lower control limit for Gasoline Range Organics (GRO)-C6-C10. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-65295/58).

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

Case Narrative

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5500-1 SDG: KH227025

Job ID: 890-5500-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

HPLC/IC

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

Job ID: 890-5500-1

Client Sample Results

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

SDG: KH227025

Client Sample ID: TANK 4 - E Lab Sample ID: 890-5500-1 Matrix: Solid

Date Collected: 10/19/23 11:16 Date Received: 10/20/23 09:52

Sample Depth: 6'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/23/23 11:00	10/23/23 20:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/23/23 11:00	10/23/23 20:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/23/23 11:00	10/23/23 20:38	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/23/23 11:00	10/23/23 20:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/23/23 11:00	10/23/23 20:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/23/23 11:00	10/23/23 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/23/23 11:00	10/23/23 20:38	1
1,4-Difluorobenzene (Surr)	92		70 - 130				10/23/23 11:00	10/23/23 20:38	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/23/23 20:38	1
-									
Method: SW846 8015 NM - Diese	I Range Organ	ice (DRO) (GC)						
Method: SW846 8015 NM - Diese Analyte	•	ics (DRO) (Qualifier	GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	•		•	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 10/23/23 17:02	Dil Fac
Analyte	Result 4840	Qualifier	RL	MDL		<u>D</u>	Prepared		
Analyte Total TPH	Result 4840 sel Range Orga	Qualifier	RL			<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result 4840 sel Range Orga	Qualifier nics (DRO) Qualifier	RL 250		mg/Kg	-		10/23/23 17:02	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies	Result 4840 sel Range Orga	Qualifier nics (DRO) Qualifier	RL 250		mg/Kg	-	Prepared	10/23/23 17:02 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 4840 sel Range Orga Result <250	Qualifier nics (DRO) Qualifier U	(GC) RL 250		mg/Kg Unit mg/Kg	-	Prepared 10/23/23 09:31	10/23/23 17:02 Analyzed 10/23/23 17:02	Dil Fac 5
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 4840 sel Range Orga Result <250 4840	Qualifier nics (DRO) Qualifier U	RL 250 (GC) RL 250 250		mg/Kg Unit mg/Kg mg/Kg	-	Prepared 10/23/23 09:31 10/23/23 09:31	10/23/23 17:02 Analyzed 10/23/23 17:02 10/23/23 17:02	Dil Fac 5 5
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 4840 sel Range Orga	Qualifier nics (DRO) Qualifier U	RL 250 (GC) RL 250 250 250		mg/Kg Unit mg/Kg mg/Kg	-	Prepared 10/23/23 09:31 10/23/23 09:31 10/23/23 09:31	Analyzed 10/23/23 17:02 10/23/23 17:02 10/23/23 17:02 10/23/23 17:02	Dil Fac 5 5 5 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 4840	Qualifier nics (DRO) Qualifier U	RL 250 (GC) RL 250 250 250 250 Limits		mg/Kg Unit mg/Kg mg/Kg	-	Prepared 10/23/23 09:31 10/23/23 09:31 10/23/23 09:31 Prepared	Analyzed 10/23/23 17:02 Analyzed 10/23/23 17:02 10/23/23 17:02 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 4840	Qualifier nics (DRO) Qualifier U	RL 250 (GC) RL 250 250 250 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg	-	Prepared 10/23/23 09:31 10/23/23 09:31 10/23/23 09:31 Prepared 10/23/23 09:31	10/23/23 17:02 Analyzed 10/23/23 17:02 10/23/23 17:02 10/23/23 17:02 Analyzed 10/23/23 17:02	1 Dil Fac 5 5 5 Dil Fac 5
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 4840	Qualifier nics (DRO) Qualifier U	RL 250 (GC) RL 250 250 250 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg	-	Prepared 10/23/23 09:31 10/23/23 09:31 10/23/23 09:31 Prepared 10/23/23 09:31	10/23/23 17:02 Analyzed 10/23/23 17:02 10/23/23 17:02 10/23/23 17:02 Analyzed 10/23/23 17:02	

Client Sample ID: TANK 3 - E

Date Collected: 10/19/23 15:50

Date Received: 10/20/23 09:52

Sample Depth: 3'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0800		0.0201		mg/Kg		10/23/23 14:42	10/24/23 16:17	10
Toluene	<0.0201	U	0.0201		mg/Kg		10/23/23 14:42	10/24/23 16:17	10
Ethylbenzene	<0.0201	U	0.0201		mg/Kg		10/23/23 14:42	10/24/23 16:17	10
m-Xylene & p-Xylene	<0.0402	U	0.0402		mg/Kg		10/23/23 14:42	10/24/23 16:17	10
o-Xylene	<0.0201	U	0.0201		mg/Kg		10/23/23 14:42	10/24/23 16:17	10
Xylenes, Total	<0.0402	U	0.0402		mg/Kg		10/23/23 14:42	10/24/23 16:17	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	44	S1-	70 - 130				10/23/23 14:42	10/24/23 16:17	10

Eurofins Carlsbad

Lab Sample ID: 890-5500-2

Matrix: Solid

Client Sample Results

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

SDG: KH227025

Client Sample ID: TANK 3 - E

Date Collected: 10/19/23 15:50 Date Received: 10/20/23 09:52

Sample Depth: 3'

Lab Sample ID: 890-5500-2

Matrix: Solid

Job ID: 890-5500-1

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

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	105	70 _ 130	10/23/23 14:42	10/24/23 16:17	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0800		0.0402		mg/Kg			10/24/23 16:17	1

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

Analyte	Result	Qualifier	RL	MDL Un	nit	D	Prepared	Analyzed	Dil Fac	
Total TPH	463		50.3	mo	a/Ka			10/23/23 17:24	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	<50.3	U	50.3		mg/Kg		10/23/23 09:31	10/23/23 17:24	1
Diesel Range Organics (Over C10-C28)	463		50.3		mg/Kg		10/23/23 09:31	10/23/23 17:24	1
Oll Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/23/23 09:31	10/23/23 17:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78	70 - 130	10/23/23 09:3	1 10/23/23 17:24	1
o-Terphenyl	87	70 - 130	10/23/23 09:3 ⁻	1 10/23/23 17:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.9		5.04		mg/Kg			10/24/23 00:35	1

Lab Sample ID: 890-5500-3 Client Sample ID: B12 - FS

Date Collected: 10/19/23 12:27 Date Received: 10/20/23 09:52

Sample Depth: 4'

ı	Method: SW846 8021B	Valatila Ossasia	O = (OO)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0504	U	0.0504		mg/Kg		10/24/23 09:04	10/25/23 07:16	25
Toluene	<0.0504	U	0.0504		mg/Kg		10/24/23 09:04	10/25/23 07:16	25
Ethylbenzene	<0.0504	U	0.0504		mg/Kg		10/24/23 09:04	10/25/23 07:16	25
m-Xylene & p-Xylene	<0.101	U	0.101		mg/Kg		10/24/23 09:04	10/25/23 07:16	25
o-Xylene	<0.0504	U	0.0504		mg/Kg		10/24/23 09:04	10/25/23 07:16	25
Xylenes, Total	<0.101	U	0.101		mg/Kg		10/24/23 09:04	10/25/23 07:16	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				10/24/23 09:04	10/25/23 07:16	25
1 4-Difluorobenzene (Surr)	91		70 130				10/24/23 09:04	10/25/23 07:16	25

Curroguto	70110001019	Quanno	2	, repared	rinaryzou	<i>Dir i</i> uo
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	10/24/23 09:04	10/25/23 07:16	25
1,4-Difluorobenzene (Surr)	91		70 - 130	10/24/23 09:04	10/25/23 07:16	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Total BTEX	<0.101	U	0.101	_	mg/Kg			10/25/23 07:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	120		50.1		mg/Kg			10/23/23 19:10	1

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Matrix: Solid

Client Sample Results

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5500-1 SDG: KH227025

Project/Site: Folk 11

Lab Sample ID: 890-5500-3

Analyzed

10/24/23 00:41

Client Sample ID: B12 - FS Date Collected: 10/19/23 12:27 Date Received: 10/20/23 09:52

Matrix: Solid

Sample Depth: 4'

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/23/23 09:31	10/23/23 19:10	1
Diesel Range Organics (Over C10-C28)	120		50.1		mg/Kg		10/23/23 09:31	10/23/23 19:10	1
Oll Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/23/23 09:31	10/23/23 19:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				10/23/23 09:31	10/23/23 19:10	1
o-Terphenyl	89		70 - 130				10/23/23 09:31	10/23/23 19:10	1

RL

4.96

MDL Unit

mg/Kg

D

Prepared

Result Qualifier

47.7

Dil Fac

Surrogate Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5500-1 SDG: KH227025

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)	
890-5500-1	TANK 4 - E	91	92	
890-5500-2	TANK 3 - E	44 S1-	105	
890-5500-3	B12 - FS	136 S1+	91	
LCS 880-65275/1-A	Lab Control Sample	100	100	
LCS 880-65370/1-A	Lab Control Sample	123	112	
LCS 880-65447/1-A	Lab Control Sample	79	117	
LCSD 880-65275/2-A	Lab Control Sample Dup	106	101	
LCSD 880-65370/2-A	Lab Control Sample Dup	113	104	
LCSD 880-65447/2-A	Lab Control Sample Dup	84	112	
MB 880-65120/5-A	Method Blank	115	144 S1+	
MB 880-65275/5-A	Method Blank	105	132 S1+	
MB 880-65370/5-A	Method Blank	72	97	
MB 880-65447/5-A	Method Blank	109	157 S1+	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

OTPH = o-Terphenyl

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-5500-1	TANK 4 - E	105	129	
890-5500-2	TANK 3 - E	78	87	
890-5500-3	B12 - FS	79	89	
LCS 880-65337/2-A	Lab Control Sample	90	100	
LCSD 880-65337/3-A	Lab Control Sample Dup	89	97	
MB 880-65337/1-A	Method Blank	107	126	
Surrogate Legend				
1CO = 1-Chlorooctane				

Eurofins Carlsbad

Released to Imaging: 9/30/2025 10:01:14 AM

7

0

10

12

14

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5500-1

SDG: KH227025

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-65120/5-A

Analysis Batch: 65444

Matrix: Solid

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

Prep Batch: 65120

	MB	MR							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/19/23 17:44	10/24/23 11:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/19/23 17:44	10/24/23 11:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/19/23 17:44	10/24/23 11:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/19/23 17:44	10/24/23 11:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/19/23 17:44	10/24/23 11:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/19/23 17:44	10/24/23 11:34	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	10/19/23 17:44	10/24/23 11:34	1
1,4-Difluorobenzene (Surr)	144	S1+	70 - 130	10/19/23 17:44	10/24/23 11:34	1

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 65275

Lab Sample ID: MB 880-65275/5-A Matrix: Solid

Analysis Batch: 65322

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/21/23 15:12	10/23/23 12:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/23 15:12	10/23/23 12:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/23 15:12	10/23/23 12:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/21/23 15:12	10/23/23 12:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/23 15:12	10/23/23 12:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/21/23 15:12	10/23/23 12:11	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	10/21/23 15:12	10/23/23 12:11	1
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130	10/21/23 15:12	10/23/23 12:11	1

Lab Sample ID: LCS 880-65275/1-A

Matrix: Solid

Analysis Batch: 65322

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 65275

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08759		mg/Kg		88	70 - 130	
Toluene	0.100	0.07851		mg/Kg		79	70 - 130	
Ethylbenzene	0.100	0.08016		mg/Kg		80	70 - 130	
m-Xylene & p-Xylene	0.200	0.1842		mg/Kg		92	70 - 130	
o-Xylene	0.100	0.08963		mg/Kg		90	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	100	70 _ 130
1.4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: LCSD 880-65275/2-A

Matrix: Solid

Analysis Batch: 65322

						Prep Type: Total/NA			
						Prep B	5275		
Spike	LCSD	LCSD				%Rec		RPD	
hahhΔ	Result	Qualifier	Unit	n	%Rec	Limits	RPD	Limit	

Analyte Benzene 0.100 0.09701 mg/Kg 97 70 - 130

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Page 12 of 25

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5500-1 SDG: KH227025

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

Lab Sample ID: LCSD 880-65275/2-A

Matrix: Solid Analysis Batch: 65322 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 65275

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Toluene	0.100	0.08247		mg/Kg		82	70 - 130	5	35
Ethylbenzene	0.100	0.08707		mg/Kg		87	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1945		mg/Kg		97	70 - 130	5	35
o-Xylene	0.100	0.09524		mg/Kg		95	70 - 130	6	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	106	70 - 130
1,4-Difluorobenzene (Surr)	101	70 - 130

Lab Sample ID: MB 880-65370/5-A Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Prep Batch: 65370

Analysis Batch: 65442 мв мв

Analyte Result Qualifier MDL Unit Prepared Analyzed Dil Fac Benzene <0.00200 U 0.00200 10/23/23 14:42 10/24/23 11:07 mg/Kg Toluene <0.00200 U 0.00200 10/23/23 14:42 10/24/23 11:07 mg/Kg Ethylbenzene <0.00200 U 0.00200 10/23/23 14:42 10/24/23 11:07 mg/Kg m-Xylene & p-Xylene <0.00400 U 0.00400 10/23/23 14:42 10/24/23 11:07 mg/Kg o-Xylene <0.00200 U 0.00200 mg/Kg 10/23/23 14:42 10/24/23 11:07 <0.00400 U 0.00400 Xylenes, Total mg/Kg 10/23/23 14:42 10/24/23 11:07

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72	70 - 130	10/23/23 14:42	10/24/23 11:07	1
1,4-Difluorobenzene (Surr)	97	70 - 130	10/23/23 14:42	10/24/23 11:07	1

Lab Sample ID: LCS 880-65370/1-A

Matrix: Solid

Analysis Batch: 65442

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 65370

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08870		mg/Kg		89	70 - 130	
Toluene	0.100	0.09900		mg/Kg		99	70 - 130	
Ethylbenzene	0.100	0.1124		mg/Kg		112	70 - 130	
m-Xylene & p-Xylene	0.200	0.2385		mg/Kg		119	70 - 130	
o-Xylene	0.100	0.1137		mg/Kg		114	70 - 130	

LCS LCS

Surrogate	%Recovery Qua	alifier Limits	
4-Bromofluorobenzene (Surr)	123	70 - 13	0
1.4-Difluorobenzene (Surr)	112	70 - 13	0

Lab Sample ID: LCSD 880-65370/2-A

Matrix: Solid

Analysis Batch: 65442

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 65370

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09201		mg/Kg		92	70 - 130	4	35
Toluene	0.100	0.09626		mg/Kg		96	70 - 130	3	35
Ethylbenzene	0.100	0.09835		mg/Kg		98	70 - 130	13	35

Eurofins Carlsbad

Page 13 of 25

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5500-1 SDG: KH227025

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

Lab Sample ID: LCSD 880-65370/2-A

Lab Sample ID: MB 880-65447/5-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 65442

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 65370

	Spike	LCSD LCSD	ס			%Rec		RPD	
Analyte	Added	Result Quali	ifier Unit	D	%Rec	Limits	RPD	Limit	
m-Xylene & p-Xylene	0.200	0.2147	mg/Kg		107	70 - 130	10	35	
o-Xylene	0.100	0.1029	mg/Kg		103	70 - 130	10	35	

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 65447

Analysis Batch: 65444 мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/24/23 09:04	10/24/23 23:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/24/23 09:04	10/24/23 23:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/24/23 09:04	10/24/23 23:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/24/23 09:04	10/24/23 23:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/24/23 09:04	10/24/23 23:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/24/23 09:04	10/24/23 23:10	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	10/24/23 09:04	10/24/23 23:10	1
1,4-Difluorobenzene (Surr)	157	S1+	70 - 130	10/24/23 09:04	10/24/23 23:10	1

Lab Sample ID: LCS 880-65447/1-A

Matrix: Solid

Analysis Batch: 65444

Client Sample ID: Lab Cor	ntrol Sample
---------------------------	--------------

Prep Type: Total/NA

Prep Batch: 65447

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09820		mg/Kg		98	70 - 130	
Toluene	0.100	0.08016		mg/Kg		80	70 - 130	
Ethylbenzene	0.100	0.07170		mg/Kg		72	70 - 130	
m-Xylene & p-Xylene	0.200	0.1674		mg/Kg		84	70 - 130	
o-Xylene	0.100	0.08039		mg/Kg		80	70 - 130	

LCS LCS

Surrogate	%Recovery (Qualifier	Limits
4-Bromofluorobenzene (Surr)	79		70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: LCSD 880-65447/2-A

Matrix: Solid

Analysis Batch: 65444

Client Samp	le ID: Lab	Control	Sample	Dup
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Prep Type: Total/NA

Prep Batch: 65447

ı										
		Spike	LCSD	LCSD				%Rec		RPD
	Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
	Benzene	0.100	0.1111		mg/Kg		111	70 - 130	12	35
	Toluene	0.100	0.09239		mg/Kg		92	70 - 130	14	35
	Ethylbenzene	0.100	0.07910		mg/Kg		79	70 - 130	10	35
	m-Xylene & p-Xylene	0.200	0.1938		mg/Kg		97	70 - 130	15	35
	o-Xylene	0.100	0.09501		mg/Kg		95	70 - 130	17	35

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

o-Terphenyl

Job ID: 890-5500-1

SDG: KH227025

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

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

Lab Sample ID: MB 880-65337/1- Matrix: Solid Analysis Batch: 65295	c: Solid sis Batch: 65295						Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 65337			
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		10/23/23 07:31	10/23/23 07:59	1	
(GRO)-C6-C10										
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		10/23/23 07:31	10/23/23 07:59	1	
C10-C28)										
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/23/23 07:31	10/23/23 07:59	1	
	МВ	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	107		70 - 130				10/23/23 07:31	10/23/23 07:59	1	

Lab Sample ID: LCS 880-65337/2-A	Client Sample ID: Lab Control Sample	9
Matrix: Solid	Prep Type: Total/N	4
Analysis Batch: 65295	Prep Batch: 6533	7

70 - 130

Alialysis Datcii. 03233								Fiebr	Jaicii. 000	31
		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics		1000	843.5		mg/Kg		84	70 - 130		
(GRO)-C6-C10										
Diesel Range Organics (Over		1000	843.8		mg/Kg		84	70 - 130		
C10-C28)										
	LCS LCS									
	LUS LUS									

	LUS	LUS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	100		70 - 130

Released to Imaging: 9/30/2025 10:01:14 AM

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Lab Sample ID: LCSD 880-65337/3-A	Client Sample ID: Lab Control Sample Dup
Matrix: Solid	Prep Type: Total/NA

Analysis Batch: 65295							Prep	Batch:	65337
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	862.0		mg/Kg		86	70 - 130	2	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	865.3		mg/Kg		87	70 - 130	3	20
C10-C28)									

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	97		70 - 130

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10/23/23 07:31

10/23/23 07:59

5.00

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5500-1 SDG: KH227025

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: Method Blank

10/23/23 21:28

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-65323/1-A

Matrix: Solid

<5.00 U

Analysis Batch: 65465

MB MB MDL Unit Dil Fac Result Qualifier RLPrepared Analyzed

mg/Kg

Lab Sample ID: LCS 880-65323/2-A

Matrix: Solid

Analyte

Chloride

Analysis Batch: 65465

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride	250	240 6		ma/Ka		96	90 - 110

Lab Sample ID: LCSD 880-65323/3-A

Matrix: Solid

Analysis Batch: 65465

-	Spike	LCSD	LCSD			%Rec		RPD
Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	239.9	mg/k		96	90 - 110		20

QC Association Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5500-1 SDG: KH227025

GC VOA

Prep Batch: 65120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-65120/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 65275

	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
	890-5500-1	TANK 4 - E	Total/NA	Solid	5035	
	MB 880-65275/5-A	Method Blank	Total/NA	Solid	5035	
	LCS 880-65275/1-A	Lab Control Sample	Total/NA	Solid	5035	
ı	LCSD 880-65275/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 65322

Lab Sample ID 890-5500-1	Client Sample ID TANK 4 - E	Prep Type Total/NA	Solid	Method 8021B	Prep Batch 65275
MB 880-65275/5-A	Method Blank	Total/NA	Solid	8021B	65275
LCS 880-65275/1-A	Lab Control Sample	Total/NA	Solid	8021B	65275
LCSD 880-65275/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	65275

Prep Batch: 65370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5500-2	TANK 3 - E	Total/NA	Solid	5035	
MB 880-65370/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-65370/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-65370/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 65431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5500-1	TANK 4 - E	Total/NA	Solid	Total BTEX	
890-5500-2	TANK 3 - E	Total/NA	Solid	Total BTEX	
890-5500-3	B12 - FS	Total/NA	Solid	Total BTEX	

Analysis Batch: 65442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5500-2	TANK 3 - E	Total/NA	Solid	8021B	65370
MB 880-65370/5-A	Method Blank	Total/NA	Solid	8021B	65370
LCS 880-65370/1-A	Lab Control Sample	Total/NA	Solid	8021B	65370
LCSD 880-65370/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	65370

Analysis Batch: 65444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5500-3	B12 - FS	Total/NA	Solid	8021B	65447
MB 880-65120/5-A	Method Blank	Total/NA	Solid	8021B	65120
MB 880-65447/5-A	Method Blank	Total/NA	Solid	8021B	65447
LCS 880-65447/1-A	Lab Control Sample	Total/NA	Solid	8021B	65447
LCSD 880-65447/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	65447

Prep Batch: 65447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5500-3	B12 - FS	Total/NA	Solid	5035	
MB 880-65447/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-65447/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-65447/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5500-1

SDG: KH227025

GC Semi VOA

Analysis Batch: 65295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5500-1	TANK 4 - E	Total/NA	Solid	8015B NM	65337
890-5500-2	TANK 3 - E	Total/NA	Solid	8015B NM	65337
890-5500-3	B12 - FS	Total/NA	Solid	8015B NM	65337
MB 880-65337/1-A	Method Blank	Total/NA	Solid	8015B NM	65337
LCS 880-65337/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	65337
LCSD 880-65337/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	65337

Prep Batch: 65337

Lab Sample ID 890-5500-1	Client Sample ID TANK 4 - E	Prep Type Total/NA	Matrix Solid	Method 8015NM Prep	Prep Batch
890-5500-2	TANK 3 - E	Total/NA	Solid	8015NM Prep	
890-5500-3	B12 - FS	Total/NA	Solid	8015NM Prep	
MB 880-65337/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-65337/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-65337/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 65432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5500-1	TANK 4 - E	Total/NA	Solid	8015 NM	
890-5500-2	TANK 3 - E	Total/NA	Solid	8015 NM	
890-5500-3	B12 - FS	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 65323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5500-1	TANK 4 - E	Soluble	Solid	DI Leach	_
890-5500-2	TANK 3 - E	Soluble	Solid	DI Leach	
890-5500-3	B12 - FS	Soluble	Solid	DI Leach	
MB 880-65323/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-65323/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-65323/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 65465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5500-1	TANK 4 - E	Soluble	Solid	300.0	65323
890-5500-2	TANK 3 - E	Soluble	Solid	300.0	65323
890-5500-3	B12 - FS	Soluble	Solid	300.0	65323
MB 880-65323/1-A	Method Blank	Soluble	Solid	300.0	65323
LCS 880-65323/2-A	Lab Control Sample	Soluble	Solid	300.0	65323
LCSD 880-65323/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	65323

Lab Chronicle

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

SDG: KH227025

Client Sample ID: TANK 4 - E

Date Collected: 10/19/23 11:16 Date Received: 10/20/23 09:52

Lab Sample ID: 890-5500-1

Matrix: Solid

Job ID: 890-5500-1

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	65275	10/23/23 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	65322	10/23/23 20:38	SM	EET MID
Total/NA	Analysis	Total BTEX		1			65431	10/23/23 20:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			65432	10/23/23 17:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	65337	10/23/23 09:31	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	65295	10/23/23 17:02	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	65323	10/23/23 09:00	СН	EET MID
Soluble	Analysis	300.0		1			65465	10/24/23 00:28	CH	EET MID

Client Sample ID: TANK 3 - E

Date Collected: 10/19/23 15:50

Date Received: 10/20/23 09:52

Lab Sample ID: 890-5500-2

Matrix: Solid

Dil Initial Final Batch Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 4.97 g Total/NA 5 mL 65370 10/23/23 14:42 MNR EET MID Total/NA 8021B 5 mL Analysis 10 5 mL 65442 10/24/23 16:17 SM EET MID Total/NA Total BTEX Analysis 65431 10/24/23 16:17 SM **EET MID** 1 Total/NA Analysis 8015 NM 65432 10/23/23 17:24 SM **EET MID** Total/NA Prep 8015NM Prep 65337 9.95 g 10 mL 10/23/23 09:31 TKC EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 65295 10/23/23 17:24 SM **EET MID** Soluble Leach DI Leach 4.96 g 50 mL 65323 10/23/23 09:00 CH **EET MID** Soluble Analysis 300.0 65465 10/24/23 00:35 СН **EET MID**

Client Sample ID: B12 - FS

Date Collected: 10/19/23 12:27

Date Received: 10/20/23 09:52

Lab Sample ID: 890-5500-3

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	65447	10/24/23 09:04	MNR	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	65444	10/25/23 07:16	SM	EET MID
Total/NA	Analysis	Total BTEX		1			65431	10/25/23 07:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			65432	10/23/23 19:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	65337	10/23/23 09:31	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	65295	10/23/23 19:10	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	65323	10/23/23 09:00	СН	EET MID
Soluble	Analysis	300.0		1			65465	10/24/23 00:41	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5500-1 Project/Site: Folk 11 SDG: KH227025

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400-23-26	06-30-24
• .	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
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: Folk 11

Job ID: 890-5500-1 SDG: KH227025

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

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Sample Summary

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5500-1 SDG: KH227025

Project/Site: Folk 11

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	De
890-5500-1	TANK 4 - E	Solid	10/19/23 11:16	10/20/23 09:52	6'
890-5500-2	TANK 3 - E	Solid	10/19/23 15:50	10/20/23 09:52	3'
890-5500-3	B12 - FS	Solid	10/19/23 12:27	10/20/23 09:52	4'

Work Order No

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

Environment Testing

eurofins ...

Chain of Custody

Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296

Revised Date: 08/				
		9		S
				e.
		10/20 952	> > > >	MA LIC
Received by: (Signature) Date.	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)
ligieu.	t and a charge of \$5 for each sample submitted to Eurohns Xenco, but not analyzed. I nese terms will be enrorced unless previously regularized.	mitted to Eurohns Xenco, but not analyze	to each project and a charge of \$5 for each sample subn	of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project

Superfund DI Water: H₂O 25/2020 Rev. 2020. Level IV MeOH: Me HNO 3: HN NaOH: Na NaOH+Ascorbic Acid: SAPC Sample Comments Time Preservative Codes Zn Acetate+NaOH: Zn Reporting: Level | Level | PST/UST TRRP RRC Na 25 20 3: Na SO 3 BRCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn Other: NaHSO 4: NABIS Hg: 1631 / 245.1 / 7470 / 7471 UST/PST | PRP | Brownfields | H,PO .: HP None: NO Cool: Cool H : 80 4: H HCL: HC Work Order Comments ADaPT www.xenco.com EDD State of Project: 890-5500 Chain of Custody Deliverables: TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Program: votice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control ANALYSIS REQUEST Gus Sancher D Formacon, Tran's Casey O Covacon Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 Sour Pres. Code # of Cont Parameters Bill to: (if different) Company Name: Comp 3 35 Grab/ City, State ZIP: TAT starts the day received by the lab, if received by 4:30pm INMOC るところ Yes No Rush Address: Depth 0 Turn Around Email: Routine Due Date: Corrected Temperature: Sampled Wet Ice: Temperature Reading: Time 10-19-20 12:2 Correction Factor: Thermometer ID: 10-14-01 10-14-23 Sampled Yes No Date Circle Method(s) and Metal(s) to be analyzed Gresnie Matrix KH 227025 Temp Blank: nu Sancher 200.8 / 6020: Yes No Yes No Joseph Sample Identification amples Received Intact: Total 200.7 / 6010 Sample Custody Seals: Cooler Custody Seals: SAMPLE RECEIPT Project Number: Total Containers: ampler's Name: Project Manager: Company Name: Project Location City, State ZIP: Project Name: ank Address: PO#:

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 890-5500-1 SDG Number: KH227025

List Source: Eurofins Carlsbad

Login Number: 5500

List Number: 1

Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Eurofins Carlsbad

Released to Imaging: 9/30/2025 10:01:14 AM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 890-5500-1 SDG Number: KH227025

Login Number: 5500 **List Source: Eurofins Midland** List Number: 2

List Creation: 10/23/23 09:18 AM

Creator: Rodriguez, Leticia

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	N/A	

<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joseph Guesnier Terracon Consulting Eng & Scientists 2526 W Pierce Street Carlsbad, New Mexico 88220

Generated 11/6/2023 2:33:25 PM

JOB DESCRIPTION

Folk 11 SDG NUMBER KH227025

JOB NUMBER

890-5556-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization

Generated 11/6/2023 2:33:25 PM

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

Eurofins Carlsbad

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).

MRAMER

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Client: Terracon Consulting Eng & Scientists Project/Site: Folk 11

Laboratory Job ID: 890-5556-1 SDG: KH227025

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 890-5556-1 Project/Site: Folk 11 SDG: KH227025

Qualifiers

CC	$V \cap A$
u	VUA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
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

Quaimer	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) Limit of Quantitation (DoD/DOE) LOQ 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 **Practical Quantitation Limit** PQL

PRES Presumptive **Quality Control** QC

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

SDG: KH227025

Case Narrative

Job ID: 890-5556-1 Client: Terracon Consulting Eng & Scientists Project/Site: Folk 11

Job ID: 890-5556-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-5556-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 11/2/2023 12:04 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 2.4°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: c12, c13, - ne - sw (890-5556-1), c13 - fs (890-5556-2) and exc. A12 (890-5556-3).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-66219 and analytical batch 880-66218 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: c12, c13, - ne - sw (890-5556-1) and c13 - fs (890-5556-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-66219 and analytical batch 880-66218 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.

GC Semi VOA

Method 8015MOD NM: The surrogate recovery for the blank associated with preparation batch 880-66149 and analytical batch 880-66125 was outside the upper control limits.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-66125/31) and (CCV 880-66125/47). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: The method blank for preparation batch 880-66149 and analytical batch 880-66125 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-66135 and analytical batch 880-66127 was outside the upper control limits.

Method 8015MOD NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-66135/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: c12, c13, - ne - sw (890-5556-1) and c13

Eurofins Carlsbad 11/6/2023

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-5556-1 Project/Site: Folk 11

SDG: KH227025

Job ID: 890-5556-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

- fs (890-5556-2). 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.

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: Folk 11 Client Sample ID: c12, c13, - ne - sw

Date Collected: 10/31/23 13:28 Date Received: 11/02/23 12:04

Sample Depth: 0-4

Job ID: 890-5556-1

SDG: KH227025

Lab Sample ID: 890-5556-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		11/05/23 10:15	11/05/23 15:56	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		11/05/23 10:15	11/05/23 15:56	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		11/05/23 10:15	11/05/23 15:56	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		11/05/23 10:15	11/05/23 15:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/05/23 10:15	11/05/23 15:56	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		11/05/23 10:15	11/05/23 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				11/05/23 10:15	11/05/23 15:56	1
1,4-Difluorobenzene (Surr)	83		70 - 130				11/05/23 10:15	11/05/23 15:56	1

Welliod. TAL SOF Total BTLA - Tota	I DILA Calc	Julation						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			11/05/23 15:56	1
_								

Method: SW846 8015 NM - Diesel Ra	Range Organics (DRO) (GC)							
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	85.9		49.5	mg/Kg			11/03/23 18:40	1

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5	mg/Kg		11/03/23 12:03	11/03/23 18:40	1
Diesel Range Organics (Over C10-C28)	85.9		49.5	mg/Kg		11/03/23 12:03	11/03/23 18:40	1
Oll Range Organics (Over C28-C36)	<49.5	U	49.5	mg/Kg		11/03/23 12:03	11/03/23 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	11/03/23 12:03	11/03/23 18:40	1
o-Terphenyl	141	S1+	70 - 130	11/03/23 12:03	11/03/23 18:40	1
_						

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.9	5.02	mg/Kg			11/03/23 22:49	1

Client Sample ID: c13 - fs Lab Sample ID: 890-5556-2

Date Collected: 10/31/23 13:42 Date Received: 11/02/23 12:04

Sample Depth: 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/05/23 10:15	11/05/23 13:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/05/23 10:15	11/05/23 13:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/05/23 10:15	11/05/23 13:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/05/23 10:15	11/05/23 13:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/05/23 10:15	11/05/23 13:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/05/23 10:15	11/05/23 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130				11/05/23 10:15	11/05/23 13:32	1

Eurofins Carlsbad

Matrix: Solid

Client Sample Results

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

SDG: KH227025

Job ID: 890-5556-1

Client Sample ID: c13 - fs

Date Collected: 10/31/23 13:42 Date Received: 11/02/23 12:04

Sample Depth: 4

Lab Sample ID: 890-5556-2

Lab Sample ID: 890-5556-3

Matrix: Solid

Matrix: Solid

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

%Recovery Qualifier Limits Prepared Surrogate Analyzed Dil Fac 70 - 130 11/05/23 10:15 1,4-Difluorobenzene (Surr) 11/05/23 13:32

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte Result Qualifier RL MDL Unit D Analyzed Dil Fac Prepared Total BTEX <0.00401 0.00401 11/05/23 13:32 mg/Kg

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

Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac **Total TPH** 50.2 11/03/23 19:01 82.0 mg/Kg

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

Result Qualifier **MDL** Unit Analyte RL D Prepared Analyzed Dil Fac <50.2 U 50.2 mg/Kg Gasoline Range Organics 11/03/23 12:03 11/03/23 19:01 (GRO)-C6-C10 50.2 11/03/23 12:03 11/03/23 19:01 **Diesel Range Organics (Over** 82.0 mg/Kg C10-C28) OII Range Organics (Over C28-C36) <50.2 U 50.2 mg/Kg 11/03/23 12:03 11/03/23 19:01

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 121 70 - 130 11/03/23 12:03 11/03/23 19:01

137 S1+ o-Terphenyl

70 - 130 11/03/23 12:03 11/03/23 19:01

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 5.04 11/03/23 22:54 Chloride 79.1 mg/Kg

Client Sample ID: exc. A12 Date Collected: 10/31/23 14:21

Date Received: 11/02/23 12:04

Sample Depth: 2

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

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Benzene <0.00202 U 0.00202 mg/Kg 11/05/23 10:15 11/05/23 13:52 Toluene <0.00202 U 0.00202 11/05/23 10:15 11/05/23 13:52 mg/Kg Ethylbenzene <0.00202 U 0.00202 11/05/23 10:15 11/05/23 13:52 mg/Kg 0.00403 11/05/23 13:52 m-Xylene & p-Xylene <0.00403 U 11/05/23 10:15 mg/Kg o-Xylene <0.00202 U 0.00202 mg/Kg 11/05/23 10:15 11/05/23 13:52 Xylenes, Total <0.00403 U 0.00403 mg/Kg 11/05/23 10:15 11/05/23 13:52

%Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 70 - 130 4-Bromofluorobenzene (Surr) 91 11/05/23 10:15 11/05/23 13:52 1,4-Difluorobenzene (Surr) 80 70 - 130 11/05/23 10:15 11/05/23 13:52

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte Result Qualifier RL MDL D Dil Fac Unit Prepared Analyzed Total BTEX <0.00403 0.00403 11/05/23 13:52 mg/Kg

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

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac <50.1 U Total TPH 50.1 11/03/23 23:16 mg/Kg

Client Sample Results

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5556-1 SDG: KH227025

Project/Site: Folk 11

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

64.8

Lab Sample ID: 890-5556-3

Client Sample ID: exc. A12 Date Collected: 10/31/23 14:21 Date Received: 11/02/23 12:04

Matrix: Solid

Sample Depth: 2

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/03/23 11:40	11/03/23 23:16	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/03/23 11:40	11/03/23 23:16	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/03/23 11:40	11/03/23 23:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				11/03/23 11:40	11/03/23 23:16	1
o-Terphenyl	112		70 ₋ 130				11/03/23 11:40	11/03/23 23:16	1

RL

5.02

MDL Unit

mg/Kg

D

Prepared	Analyzed	Dil Fac	
	11/03/23 22:59	1	

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Surrogate Summary

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5556-1 Project/Site: Folk 11 SDG: KH227025

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits
		BFB1	DFBZ1	
b Sample ID	Client Sample ID	(70-130)	(70-130)	
5556-1	c12, c13, - ne - sw	88	83	
-5556-1 MS	c12, c13, - ne - sw	118	105	
-5556-1 MSD	c12, c13, - ne - sw	114	109	
-5556-2	c13 - fs	69 S1-	74	
5556-3	exc. A12	91	80	
880-66219/1-A	Lab Control Sample	110	121	
D 880-66219/2-A	Lab Control Sample Dup	119	114	
880-66219/5-A	Method Blank	69 S1-	102	

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	
_ab Sample ID	Client Sample ID	(70-130)	(70-130)	
90-5556-1	c12, c13, - ne - sw	125	141 S1+	
90-5556-2	c13 - fs	121	137 S1+	
390-5556-3	exc. A12	118	112	
_CS 880-66135/2-A	Lab Control Sample	75	95	
.CS 880-66149/2-A	Lab Control Sample	106	116	
.CSD 880-66135/3-A	Lab Control Sample Dup	69 S1-	84	
CSD 880-66149/3-A	Lab Control Sample Dup	101	111	
MB 880-66135/1-A	Method Blank	189 S1+	219 S1+	
MB 880-66149/1-A	Method Blank	230 S1+	226 S1+	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists Project/Site: Folk 11

Job ID: 890-5556-1 SDG: KH227025

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-66219/5-A

Lab Sample ID: LCS 880-66219/1-A

Matrix: Solid Analysis Batch: 66218 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 66219

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/05/23 10:15	11/05/23 12:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/05/23 10:15	11/05/23 12:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/05/23 10:15	11/05/23 12:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/05/23 10:15	11/05/23 12:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/05/23 10:15	11/05/23 12:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/05/23 10:15	11/05/23 12:50	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Pr	repared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	11/05	5/23 10:15	11/05/23 12:50	1
1,4-Difluorobenzene (Surr)	102		70 - 130	11/05	5/23 10:15	11/05/23 12:50	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 66219

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1218 mg/Kg 122 70 - 130 Toluene 0.100 0.1165 mg/Kg 116 70 - 130 0.100 Ethylbenzene 0.1133 mg/Kg 113 70 - 130 0.200 0.2369 70 - 130 m-Xylene & p-Xylene mg/Kg 118 0.100 70 - 130 o-Xylene 0.1148 mg/Kg 115

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	110	70 - 130
1,4-Difluorobenzene (Surr)	121	70 - 130

Lab Sample ID: LCSD 880-66219/2-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Matrix: Solid

Analysis Batch: 66218

Analysis Batch: 66218

Prep Type: Total/NA Prep Batch: 66219

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1124		mg/Kg		112	70 - 130	8	35
Toluene	0.100	0.1007		mg/Kg		101	70 - 130	15	35
Ethylbenzene	0.100	0.09686		mg/Kg		97	70 - 130	16	35
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130	6	35
o-Xylene	0.100	0.1065		mg/Kg		107	70 - 130	7	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	119	70 - 130
1,4-Difluorobenzene (Surr)	114	70 - 130

Lab Sample ID: 890-5556-1 MS

Matrix: Solid

Analysis Batch: 66218

Client Sample ID: c12, c13, - ne - sw Prep Type: Total/NA

Prep Batch: 66219

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200		0.0996	0.07840	F1	mg/Kg		57	70 - 130	
Toluene	<0.00200		0.0996	0.07884	F1	mg/Kg		-84	70 - 130	

QC Sample Results

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5556-1 SDG: KH227025

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

Lab Sample ID: 890-5556-1 MS

Lab Sample ID: 890-5556-1 MSD

Matrix: Solid

Analysis Batch: 66218

Client Sample ID: c12, c13, - ne - sw

Prep Type: Total/NA

Prep Batch: 66219

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00200		0.0996	0.08216	F1	mg/Kg		69	70 - 130	
m-Xylene & p-Xylene	<0.00399		0.199	0.1740	F1	mg/Kg		69	70 - 130	
o-Xylene	<0.00200		0.0996	0.08430		mg/Kg		70	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Client Sample ID: c12, c13, - ne - sw

Prep Type: Total/NA

RPD

Matrix: Solid Analysis Batch: 66218 Prep Batch: 66219 Sample Sample Spike MSD MSD Result Qualifier %Rec RPD Limit Analyte babbA Result Qualifier Unit Limits Benzene <0.00200 UF1 0.0994 0.07674 mg/Kg 77 70 - 130 2 35 0.07652 77 Toluene <0.00200 UF1 0.0994 mg/Kg 70 - 130 3 35 Ethylbenzene <0.00200 UF1 0.0994 0.07939 80 70 - 130 35 mg/Kg 3 0.199 35 m-Xylene & p-Xylene <0.00399 UF1 0.1677 mg/Kg 84 70 - 130 <0.00200 U 0.0994 0.08154 82 70 - 130 o-Xylene mg/Kg 3

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

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

Lab Sample ID: MB 880-66135/1-A

Matrix: Solid

Analysis Batch: 66127

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 66135

MB MB Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Analyte 50.0 <50.0 U 11/03/23 07:41 11/03/23 08:26 Gasoline Range Organics mg/Kg (GRO)-C6-C10 11/03/23 08:26 Diesel Range Organics (Over <50.0 U 50.0 11/03/23 07:41 mg/Kg C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 11/03/23 07:41 11/03/23 08:26 mg/Kg

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	189	S1+	70 - 130	11/03/23 07:41	11/03/23 08:26	1
o-Terphenyl	219	S1+	70 - 130	11/03/23 07:41	11/03/23 08:26	1

Lab Sample ID: LCS 880-66135/2-A

Matrix: Solid

Analysis Batch: 66127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 66135

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics	1000	874.2		mg/Kg		87	70 - 130
(GRO)-C6-C10							
Diesel Range Organics (Over	1000	844.3		mg/Kg		84	70 - 130
C10_C28\							

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5556-1

SDG: KH227025

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

Lab Sample ID: LCS 880-66135/2-A

Lab Sample ID: LCSD 880-66135/3-A

Matrix: Solid

Analysis Batch: 66127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 66135

LCS LCS

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 75 70 - 130 o-Terphenyl 95 70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Batch: 66135

Matrix: Solid Prep Type: Total/NA Analysis Batch: 66127 RPD

Spike LCSD LCSD %Rec Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 837.4 84 70 - 13020 Gasoline Range Organics mg/Kg 4 (GRO)-C6-C10 Diesel Range Organics (Over 1000 804.7 80 mg/Kg 70 - 1305 20 C10-C28)

LCSD LCSD

%Recovery Surrogate Qualifier Limits S1-70 - 130 1-Chlorooctane 69 84 70 - 130 o-Terphenyl

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 66149

MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 mg/Kg 11/03/23 11:39 11/03/23 19:44 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 11/03/23 11:39 11/03/23 19:44 C10-C28) OII Range Organics (Over C28-C36) <50.0 U 50.0 11/03/23 11:39 11/03/23 19:44 mg/Kg

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 11/03/23 11:39 11/03/23 19:44 1-Chlorooctane 230 S1+ 70 - 130 226 S1+ o-Terphenyl 70 - 130 11/03/23 11:39 11/03/23 19:44

Lab Sample ID: LCS 880-66149/2-A

Lab Sample ID: MB 880-66149/1-A

Matrix: Solid

Analysis Batch: 66125

Matrix: Solid

Analysis Batch: 66125

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 66149

Spike LCS LCS %Rec Added Result Qualifier Unit %Rec Limits Analyte D 1000 900.9 Gasoline Range Organics 90 70 - 130 mg/Kg (GRO)-C6-C10 1000 973.8 97 70 - 130 Diesel Range Organics (Over mg/Kg

C10-C28)

LCS LCS

MB MB

Surrogate	%Recovery Qualifie	er Limits
1-Chlorooctane	106	70 - 130
o-Terphenyl	116	70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5556-1

SDG: KH227025

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

Lab Sample ID: LCSD 880-66149/3-A

Matrix: Solid Analysis Batch: 66125 Client Sample ID: Lab Control Sample Dup

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Prep Type: Total/NA

Prep Batch: 66149

	Spike	LCSD	LCSD			%Rec		RPD	
Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	869.7	mg/K	g	87	70 - 130	4	20	
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	924.8	mg/K	9	92	70 - 130	5	20	

C10-C28)

LCSD LCSD

Surrogate	%Recovery Q	ualifier Limits
1-Chlorooctane	101	70 - 130
o-Terphenyl	111	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-66174/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 66207

мв мв

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00 U	5.00	mg/Kg			11/03/23 21:36	1

Lab Sample ID: LCS 880-66174/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 66207

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride	250	272.6	-	ma/Ka		109	90 - 110

Lab Sample ID: LCSD 880-66174/3-A

Matrix: Solid

Analysis Batch: 66207

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	263.2		mg/Kg		105	90 - 110	4	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5556-1 SDG: KH227025

GC VOA

Analysis Batch: 66218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5556-1	c12, c13, - ne - sw	Total/NA	Solid	8021B	66219
890-5556-2	c13 - fs	Total/NA	Solid	8021B	66219
890-5556-3	exc. A12	Total/NA	Solid	8021B	66219
MB 880-66219/5-A	Method Blank	Total/NA	Solid	8021B	66219
LCS 880-66219/1-A	Lab Control Sample	Total/NA	Solid	8021B	66219
LCSD 880-66219/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	66219
890-5556-1 MS	c12, c13, - ne - sw	Total/NA	Solid	8021B	66219
890-5556-1 MSD	c12, c13, - ne - sw	Total/NA	Solid	8021B	66219

Prep Batch: 66219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-5556-1	c12, c13, - ne - sw	Total/NA	Solid	5035	 !
890-5556-2	c13 - fs	Total/NA	Solid	5035	
890-5556-3	exc. A12	Total/NA	Solid	5035	
MB 880-66219/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-66219/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-66219/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-5556-1 MS	c12, c13, - ne - sw	Total/NA	Solid	5035	
890-5556-1 MSD	c12, c13, - ne - sw	Total/NA	Solid	5035	

Analysis Batch: 66296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5556-1 890-5556-2	c12, c13, - ne - sw c13 - fs	Total/NA Total/NA	Solid Solid	Total BTEX Total BTEX	
890-5556-3	exc. A12	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 66125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5556-3	exc. A12	Total/NA	Solid	8015B NM	66149
MB 880-66149/1-A	Method Blank	Total/NA	Solid	8015B NM	66149
LCS 880-66149/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	66149
LCSD 880-66149/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	66149

Analysis Batch: 66127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5556-1	c12, c13, - ne - sw	Total/NA	Solid	8015B NM	66135
890-5556-2	c13 - fs	Total/NA	Solid	8015B NM	66135
MB 880-66135/1-A	Method Blank	Total/NA	Solid	8015B NM	66135
LCS 880-66135/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	66135
LCSD 880-66135/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	66135

Prep Batch: 66135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep I	Batch
890-5556-1	c12, c13, - ne - sw	Total/NA	Solid	8015NM Prep	
890-5556-2	c13 - fs	Total/NA	Solid	8015NM Prep	
MB 880-66135/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-66135/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-66135/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 890-5556-1 SDG: KH227025

GC Semi VOA

Prep Batch: 66149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
890-5556-3	exc. A12	Total/NA	Solid	8015NM Prep
MB 880-66149/1-A	Method Blank	Total/NA	Solid	8015NM Prep
LCS 880-66149/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep
LCSD 880-66149/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep

Analysis Batch: 66278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5556-1	c12, c13, - ne - sw	Total/NA	Solid	8015 NM	
890-5556-2	c13 - fs	Total/NA	Solid	8015 NM	
890-5556-3	exc. A12	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 66174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5556-1	c12, c13, - ne - sw	Soluble	Solid	DI Leach	
890-5556-2	c13 - fs	Soluble	Solid	DI Leach	
890-5556-3	exc. A12	Soluble	Solid	DI Leach	
MB 880-66174/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-66174/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-66174/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 66207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5556-1	c12, c13, - ne - sw	Soluble	Solid	300.0	66174
890-5556-2	c13 - fs	Soluble	Solid	300.0	66174
890-5556-3	exc. A12	Soluble	Solid	300.0	66174
MB 880-66174/1-A	Method Blank	Soluble	Solid	300.0	66174
LCS 880-66174/2-A	Lab Control Sample	Soluble	Solid	300.0	66174
LCSD 880-66174/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	66174

Lab Chronicle

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

SDG: KH227025

Job ID: 890-5556-1

Client Sample ID: c12, c13, - ne - sw

Date Collected: 10/31/23 13:28 Date Received: 11/02/23 12:04

Lab Sample ID: 890-5556-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	66219	11/05/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66218	11/05/23 15:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66296	11/05/23 15:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			66278	11/03/23 18:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	66135	11/03/23 12:03	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66127	11/03/23 18:40	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	66174	11/03/23 15:06	СН	EET MID
Soluble	Analysis	300.0		1			66207	11/03/23 22:49	CH	EET MID

Lab Sample ID: 890-5556-2

Matrix: Solid

Date Collected: 10/31/23 13:42 Date Received: 11/02/23 12:04

Client Sample ID: c13 - fs

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	66219	11/05/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66218	11/05/23 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66296	11/05/23 13:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			66278	11/03/23 19:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	66135	11/03/23 12:03	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66127	11/03/23 19:01	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	66174	11/03/23 15:06	CH	EET MID
Soluble	Analysis	300.0		1			66207	11/03/23 22:54	CH	EET MID

Client Sample ID: exc. A12

Date Collected: 10/31/23 14:21

Date Received: 11/02/23 12:04

Lab Sample ID: 890-5556-3

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	66219	11/05/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66218	11/05/23 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66296	11/05/23 13:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			66278	11/03/23 23:16	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	66149	11/03/23 11:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66125	11/03/23 23:16	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	66174	11/03/23 15:06	СН	EET MID
Soluble	Analysis	300.0		1			66207	11/03/23 22:59	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-5556-1 SDG: KH227025

Project/Site: Folk 11

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400-23-26	06-30-24
,	are included in this report, but oes not offer certification.	ut the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
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: Folk 11

Job ID: 890-5556-1 SDG: KH227025

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
3015NM Prep	Microextraction	SW846	EET MID
Ol 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

Eurofins Carlsbad

1

4

9

10

12

Sample Summary

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5556-1

Project/Site: Folk 11 SDG: KH227025

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	C
890-5556-1	c12, c13, - ne - sw	Solid	10/31/23 13:28	11/02/23 12:04	0-
890-5556-2	c13 - fs	Solid	10/31/23 13:42	11/02/23 12:04	4
890-5556-3	exc. A12	Solid	10/31/23 14:21	11/02/23 12:04	2

	2	Environ	Environment Testing	sting		Midland, TX	(432) 704-	dland, TX (432) 704-5440, San Antonio, TX (214	Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334	Work Order No:	No:		1 1
		Xenco				EL Paso, D	(915) 585	-3443, Lubbox	EL Paso, TX (915) 585-3443, Lubbock, TX (886) 794-1296				
						Hobbs, NA	1 (575) 392	2-7550, Carlsb	Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199	www.xenco.com	o.com Page	Jo	
. Topologia	Joseph Guesnier	asnier			Bill to: (if d	to: (if different)	Spur	<u>_</u>		Work Or	E		
Oject Maliagel.	Terracon					Name:				Program: UST/PST PRP	Brownfields	RRC Superfund	=
ddress	4526 W. Pierce St	erce St			Address:					State of Project:			
ity State 7IP.	Carlsbad NM, 88220	IM, 88220			City, State ZIP:	ZIP:				Reporting: Level II Level III	PST/UST [TRRP Level IV	
hone:	(806)-300-0140	0140		Email:	Gus.Sanchez	@Тепасоп.с	om; Travis.	Заѕеу@Тепасо	Gus.Sanchez@Terracon.com; Travis.Casey@Terracon.com; Joseph.Guesnier@Terracon.com	ത്ന.ഗ്രണ Deliverables: EDD	ADaPT Other:	i.	
ojoce Namo.	Folk 11			Turn	Turn Around				ANALYSI	ANALYSIS REQUEST	Preserva	Preservative Codes	
roject Number:	KH227025			Routine	Rush	Pres. Code	de.				None: NO	DI Water: H ₂ O	
roject Location:				Due Date:	48 hove			_			Cool: Cool	MeOH: Me	
ampler's Name:	Gus Sanchez	hez		TAT starts the day received by the fab, if received by 4:30pm	e day receive:	d by					HCL: HC 'H2504: H2	HNO ₃ : HN	
O #:	1	Olembi.	Cal No	Wet Ico.	No.	T	5121				H,PO4: HP		_
AMPLE RECEIP!	+	Wa No	Thermometer ID:	ter ID:	Three	10	9We.		-088	890-5556 Chain of Custody	NaHSO 4: NABIS	S	
amples Received Inte	+	Yes No (N/B)	Correction Factor:	Factor:	0.0	J		(8			Na 2 S 2 O 3: Na SO		
ample Custody Seals:	T	Yes No (Mus	Temperature Reading:	re Reading:	2.6		Eb\				Zn Acetate+NaOH: Zn	OH: Zn	
Total Containers:			Corrected	Corrected Temperature:	2.4) ət				NaOH+Ascorbic Acid: SAPC	E Acid: SAPC	_
Solar of State of	fortion	Matrix		Time	Depth	_	inold	X3T			Sample	Sample Comments	
Sample ident	Incation	Y I I I	Sampled	Sampled		Comp Cont	-	-					
C12 C13 -	- NE-SW		10-11-33	13:28	7-0	040	>	7					_
013 - FS			(C-12-0)	3 13:42	5	Coro	7	7					
A12-2													
Exc. A12			10-15-01	17.410	7	Syade	7	7					_
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		_					_						
Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed	10 200. and Metal(s	200.8 / 6020: tal(s) to be an	8 alyzed	BRCRA 13PPM TCLP / SPLP	PM Texas 11 SPLP 6010: 8R	Texas 11 AI S 6010 : 8RCRA	Sb As Sb As	Al Sb As Ba Be B C CRA Sb As Ba Be Cd	b As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn I Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag	II K Se Ag SIO ₂ Hg: 1631	Na Sr II Sn U V Zn /245.1 / 7470 / 7471	C	_
votice: Signature of this down's service. Eurofins Xenco v	tument and relinque is to be lable only forms of \$85.0	ulshment of sam or the cost of sam no will be applied	ples constitutes a uples and shall no d to each project	a valid purchase or a assume any resp.	der from client onsibility for an 5 for each samp	company to E y losses or ex le submitted	urofins Xen penses Incu to Eurofins 3	co, its affiliates a rred by the clier (enco, but not a	folker: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conclitions if service. Eurofins Stock will be label only for the cost of Samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control if service could be about the control of services and shall be enforced unless previously nego	Forest Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, Its affalates and subcontractors. It assigns standard terms and conditions of sexume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of sexume any sexume and shall not assume any sexume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control			
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											III THE PARTY OF	C. DOVANA COLONIA COLONIA	

Chain of Custody
Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 204-5440, San Amonio, TX (210) 509-3339

. eurofins

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 890-5556-1 SDG Number: KH227025

Login Number: 5556 List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 890-5556-1 SDG Number: KH227025

Login Number: 5556 **List Source: Eurofins Midland** List Number: 2

List Creation: 11/03/23 10:38 AM

Creator: Rodriguez, Leticia

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	N/A	

Released to Imaging: 9/30/2025 10:01:14 AM

<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joseph Guesnier Terracon Consulting Eng & Scientists 2526 W Pierce Street Carlsbad, New Mexico 88220

Generated 5/31/2024 1:16:06 PM

JOB DESCRIPTION

Folk 11 KH227025

JOB NUMBER

880-35214-2

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

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

Generated 5/31/2024 1:16:06 PM

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 3

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Eurofins Midland

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).

MRAMER

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Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Laboratory Job ID: 880-35214-2 SDG: KH227025

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 880-35214-2 Project/Site: Folk 11

SDG: KH227025

Qualifiers

GC VOA

Qualifier **Qualifier Description**

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.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

n 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)

 $\mathsf{DL},\,\mathsf{RA},\,\mathsf{RE},\,\mathsf{IN}$ 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" Minimum Detectable Activity (Radiochemistry) MDA 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) Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists

Project: Folk 11

Job ID: 880-35214-2

Eurofins Midland Job ID: 880-35214-2

Job Narrative 880-35214-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 11/2/2023 10:20 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 2.5°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: NS-1 (880-35214-1), NS-11 (880-35214-2), NS-13 (880-35214-3), NS-23 (880-35214-4), NS-24 (880-35214-5), A7-FS (880-35214-6) and A7-W-SW (880-35214-7).

GC VOA

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

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

Job ID: 880-35214-2

SDG: KH227025

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Client Sample ID: A7-FS Lab Sample ID: 880-35214-6 **Matrix: Solid**

Date Collected: 10/31/23 12:09 Date Received: 11/02/23 10:20

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/02/23 12:07	11/03/23 01:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/02/23 12:07	11/03/23 01:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/02/23 12:07	11/03/23 01:57	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/02/23 12:07	11/03/23 01:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/02/23 12:07	11/03/23 01:57	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/02/23 12:07	11/03/23 01:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				11/02/23 12:07	11/03/23 01:57	1
1,4-Difluorobenzene (Surr)	113		70 - 130				11/02/23 12:07	11/03/23 01:57	1

Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			11/03/23 01:57	1
<u> </u>									

Method: Syvo46 6015 NW - Dies	sei Kange C	rganics (DRO) (GC)					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6	mg/Kg			11/03/23 07:16	1

Method: SW846 8015B NM - D	Diesel Range	Organics	(DRO) (GC)					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6	mg/Kg		11/02/23 11:31	11/03/23 07:16	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6	mg/Kg		11/02/23 11:31	11/03/23 07:16	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6	mg/Kg		11/02/23 11:31	11/03/23 07:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	185	S1+	70 - 130	11/02/23 11:31	11/03/23 07:16	1
o-Terphenyl	172	S1+	70 - 130	11/02/23 11:31	11/03/23 07:16	1

Method: EPA 300.0 - Anions, id	on Chromatography - S	oluble					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	268	5.05	mg/Kg			11/03/23 03:22	1

Client Sample ID: A7-W-SW Lab Sample ID: 880-35214-7 Date Collected: 10/31/23 12:11 **Matrix: Solid** Date Received: 11/02/23 10:20

Sample Depth: 0-2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/02/23 12:07	11/03/23 02:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/02/23 12:07	11/03/23 02:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/02/23 12:07	11/03/23 02:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/02/23 12:07	11/03/23 02:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/02/23 12:07	11/03/23 02:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/02/23 12:07	11/03/23 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				11/02/23 12:07	11/03/23 02:18	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

SDG: KH227025 **Client Sample ID: A7-W-SW** Lab Sample ID: 880-35214-7 Date Collected: 10/31/23 12:11

Matrix: Solid

Job ID: 880-35214-2

Date Received: 11/02/23 10:20 Sample Depth: 0-2

Surrogate	%Recovery Qualifier	Limits	Prepared Analyzed	Dil Fac
1.4-Difluorobenzene (Surr)		70 - 130	11/02/23 12:07 11/03/23 02:18	

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00399	U	0.00399	mg/Kg		_	11/03/23 02:18	1

Method: SW846 8015	NM - Diesel Pange (Propries (DPO) (GC)
INICITION. SYVO40 OUTS	ININ - DIESEI Kalige (Jigailics (DRO) (GC)

Analyte	Result (Qualifier	RL	MDL Uni	t D	Prepared	Analyzed	Dil Fac
Total TPH	62.0		50.3	ma	Ka	·	11/03/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		11/03/23 09:36	11/03/23 11:01	1
Diesel Range Organics (Over C10-C28)	62.0		50.3		mg/Kg		11/03/23 09:36	11/03/23 11:01	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		11/03/23 09:36	11/03/23 11:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Quaimer	Limits	Prepared	Analyzea	DII Fac
1-Chlorooctane	176	S1+	70 - 130	11/03/23 09:36	11/03/23 11:01	1
o-Terphenyl	169	S1+	70 - 130	11/03/23 09:36	11/03/23 11:01	1
_						

Method: EPA 300.0 -	Anions, Ion Chromatography - Solu	uble
Analyte	Result Qualifier	RI

Analyte	Result Q	Qualifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	408	4.98	mg/K	g		11/03/23 03:27	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists

Job ID: 880-35214-2 Project/Site: Folk 11 SDG: KH227025

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

	Surrogate Recovery (Acceptance Limits)	
BFB1	DFBZ1	
(70-130)	(70-130)	
104	113	
106	118	
	(70-130) 104	BFB1 DFBZ1 (70-130) (70-130) 104 113

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	ОТРН1	
Lab Sample ID	Client Sample ID	(70-130)	70-130)	
880-35214-6	A7-FS	185 S1+	72 S1+	
880-35214-7	A7-W-SW	176 S1+	69 S1+	
880-35214-7 MS	A7-W-SW	178 S1+	60 S1+	
880-35214-7 MSD	A7-W-SW	174 S1+	55 S1+	
LCS 880-66134/2-A	Lab Control Sample	106	117	
LCSD 880-66134/3-A	Lab Control Sample Dup	102	110	
MB 880-66134/1-A	Method Blank	219 S1+	213 S1+	

Surrogate Legend

1CO = 1-Chlorooctane OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists Job ID: 880-35214-2 Project/Site: Folk 11

SDG: KH227025

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

Lab Sample ID: MB 880-66134/1-A

Lab Sample ID: LCS 880-66134/2-A

Matrix: Solid

Analysis Batch: 66125

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 66134

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/23 07:36	11/03/23 08:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/23 07:36	11/03/23 08:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/23 07:36	11/03/23 08:26	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	219	S1+	70 - 130	11/03/23 07:36	11/03/23 08:26	1
o-Terphenyl	213	S1+	70 - 130	11/03/23 07:36	11/03/23 08:26	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 66134

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 66134

Matrix: Solid Analysis Batch: 66125 Spike LCS LCS

%Rec Analyte Added Result Qualifier Unit D %Rec Limits 1000 915.5 92 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 993.8 99 70 - 130 mg/Kg C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	117		70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 66125

•	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	892.9		mg/Kg		89	70 - 130	3	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	943.7		mg/Kg		94	70 - 130	5	20
C10-C28)									

LCSD LCSD

Lab Sample ID: LCSD 880-66134/3-A

Surrogate	%Recovery Qu	ualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: 880-35214-7 MS Client Sample ID: A7-W-SW

Matrix: Solid

Analysis Batch: 66125									Prep E	Batch: 66134
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<50.3	U	997	872.8		mg/Kg		85	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	62.0		997	1357		mg/Kg		130	70 - 130	
C10-C28)										

QC Sample Results

Client: Terracon Consulting Eng & Scientists Job ID: 880-35214-2 Project/Site: Folk 11 SDG: KH227025

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

Lab Sample ID: 880-35214-7 MS Client Sample ID: A7-W-SW

Matrix: Solid

Analysis Batch: 66125

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 178 S1+ 70 - 130 o-Terphenyl 160 S1+ 70 - 130

Lab Sample ID: 880-35214-7 MSD Client Sample ID: A7-W-SW

Matrix: Solid

Analysis Batch: 66125									Prep E	atch: 6	6134
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	997	846.2		mg/Kg		82	70 - 130	3	20
Diesel Range Organics (Over	62.0		997	1304		mg/Kg		125	70 - 130	4	20

C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 174 S1+ 70 - 130 70 - 130 o-Terphenyl 155 S1+

Prep Type: Total/NA

Prep Batch: 66134

Prep Type: Total/NA

QC Association Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 880-35214-2 SDG: KH227025

GC VOA

Analysis Batch: 66027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35214-6	A7-FS	Total/NA	Solid	8021B	66069
880-35214-7	A7-W-SW	Total/NA	Solid	8021B	66069

Prep Batch: 66069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35214-6	A7-FS	Total/NA	Solid	5035	
880-35214-7	A7-W-SW	Total/NA	Solid	5035	

Analysis Batch: 66193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35214-6	A7-FS	Total/NA	Solid	Total BTEX	
880-35214-7	A7-W-SW	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 66024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35214-6	A7-FS	Total/NA	Solid	8015B NM	66064

Prep Batch: 66064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35214-6	A7-FS	Total/NA	Solid	8015NM Prep	

Analysis Batch: 66125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35214-7	A7-W-SW	Total/NA	Solid	8015B NM	66134
MB 880-66134/1-A	Method Blank	Total/NA	Solid	8015B NM	66134
LCS 880-66134/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	66134
LCSD 880-66134/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	66134
880-35214-7 MS	A7-W-SW	Total/NA	Solid	8015B NM	66134
880-35214-7 MSD	A7-W-SW	Total/NA	Solid	8015B NM	66134

Prep Batch: 66134

Lab Sample ID 880-35214-7	Client Sample ID A7-W-SW	Prep Type Total/NA	Matrix Solid	Method	Prep Batch
MB 880-66134/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-66134/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-66134/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-35214-7 MS	A7-W-SW	Total/NA	Solid	8015NM Prep	
880-35214-7 MSD	A7-W-SW	Total/NA	Solid	8015NM Prep	

Analysis Batch: 66162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35214-6	A7-FS	Total/NA	Solid	8015 NM	
880-35214-7	A7-W-SW	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 66073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35214-6	A7-FS	Soluble	Solid	DI Leach	
880-35214-7	A7-W-SW	Soluble	Solid	DI Leach	

QC Association Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 880-35214-2

SDG: KH227025

HPLC/IC

Analysis Batch: 66089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35214-6	A7-FS	Soluble	Solid	300.0	66073
880-35214-7	A7-W-SW	Soluble	Solid	300.0	66073

Matrix: Solid

Lab Chronicle

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

SDG: KH227025 Lab Sample ID: 880-35214-6 **Client Sample ID: A7-FS**

Date Collected: 10/31/23 12:09 Date Received: 11/02/23 10:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	66069	11/02/23 12:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66027	11/03/23 01:57	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			66193	11/03/23 01:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			66162	11/03/23 07:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	66064	11/02/23 11:31	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66024	11/03/23 07:16	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	66073	11/02/23 12:53	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	66089	11/03/23 03:22	CH	EET MID

Client Sample ID: A7-W-SW Lab Sample ID: 880-35214-7 Date Collected: 10/31/23 12:11 **Matrix: Solid**

Date Received: 11/02/23 10:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	66069	11/02/23 12:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66027	11/03/23 02:18	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			66193	11/03/23 02:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			66162	11/03/23 11:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	66134	11/03/23 09:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66125	11/03/23 11:01	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	66073	11/02/23 12:53	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	66089	11/03/23 03:27	CH	EET MID

Laboratory References:

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

Eurofins Midland

Job ID: 880-35214-2

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists

Job ID: 880-35214-2 Project/Site: Folk 11 SDG: KH227025

Laboratory: Eurofins Midland

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

uthority	Progra	am	Identification Number	Expiration Date
exas	NELAI	ס	T104704400-23-26	06-30-24
The following analyte	e are included in this reno	rt but the laboratory is a	not certified by the governing authori	ity. This list may inclu
THE IUIIUWING analyte	s are included in this repu	it, but the laboratory is i	ior certified by the governing authori	ity. Triio iiot may imolu
,	does not offer certification	•	lot certified by the governing authori	ity. This list may inclu
,	•	•	Analyte	ity. This list may inclu
for which the agency	does not offer certification		, , ,	

Method Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11

Job ID: 880-35214-2 SDG: KH227025

EET MID

EET MID

SW846

ASTM

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**

Protocol References:

8015NM Prep

DI Leach

ASTM = ASTM International

EPA = US Environmental Protection Agency

Microextraction

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Deionized Water Leaching 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: Folk 11

Job ID: 880-35214-2

SDG: KH227025

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-35214-6	A7-FS	Solid	10/31/23 12:09	11/02/23 10:20	2
880-35214-7	A7-W-SW	Solid	10/31/23 12:11	11/02/23 10:20	0-2

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Chain of Custody

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

Environment Testing

***************************************	Work Order No.
THE TAXABLE PROPERTY OF THE PR	6- HESS

Project Manager: Company Name:	Joseph Guesnier Terracon		Bill to: (if different) Company Name:		Kathy Purvis Spur Energy Partners
	4526 W. Pierce St	***************************************	Address		9655 Katy Fwy Suite 500
City, State ZIP:	Carlsbad NM, 88220		City, State ZIP:	표	Houston, TX 77024
Phone:	(806)-300-0140		email: Gus Sanchez@Terracon.com, Travis Casey@Terracon.com, Joseph Guesnier@Terracon.com	acon.com, Travis.(Закеу@Тепасоп.
Project Name:	청지미		Turn Around		
Project Number:	KH227025	Routine	討말	Code Pries.	
Sampler's Name:	Gus Sanchez	TAT starts th	ove: 1 3 8 200 F		
PO#		7	the lab, if received by 4:30pm		
SAMPLE RECEIPT	Temp Blank:	Yes No Wes Ke	Ke Yes No	l ters	
Samples Received Intact:	-	ometer	4	ame	
Cooler Custody Seals:	Yes No MA	Correction Factor:	6.01	Par	3)
Sample Custody Seals:	Yes No (N/A	Temperature Reading:	D . 6	EPA	
Total Containers:		Corrected Temperature	 D	le (i	
Sample Identification	fication	Date Time Sampled Sampled	Ted Depth Comp	Chlori	BTEX
47 - 48	3	10-31-23 12:09	ۆ دى دە		1
A-W-SW	<u> </u>			1 /	. /
					#
Total 200.7 / 6010 Circle Method(s) ar	Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed	8RCR.	A 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg TCLP/SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo NI S	Al Sb As Ba Be B	Ba Be B Cd G
Motice: Signature of this docu of service. Eurofes Xenco will of Eurofes Xenco. A entrimur	holder. Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It estigns standard terms and conditions of sarvice. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to electrostances beyond the control of Eurofins Xenco. A mahimum charge of \$85.00 will be applied to each project and a charge of \$55 for each samples submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless praydoutly neco	constitutes a valid purd s and shall not assume a each project and a char		iny to Eurofox Xen s or expenses incu added to Eurofox)	co, its affiliates and read by the client if tenco, but not and
Relinquished by: (Signature)	(Signature)	Received by: (Signature)	asso order from client comp vy responsibility for any loss in of \$5 for each sample sut	Date	Date/Time
NAM.	***************************************		Notice: Signature of this document and refinquishment of samples constitutes a valid purchase order from client company to Eurofine Xenco, its affiliates and subcontractors. It assigns standard term of sarvier, Eurofine Xenco will be listle only for the cost of samples and shall not assume any responsibility for any bases or expense incurred by the client if such bases are due to circumstances bay of Eurofine Xenco. A minimum charge of \$55,00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofine Xenco, but not analyzed. These terms will be enforced unless Relinquishing by: (Signature) Received by: (Signature) Received by: (Signature) Date/Time Refinquished by: (Signature)		q:30
5			ase order from cleent comp y responsibility for any loss te of 55 for each sample ast 'aa'ture')		

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 880-35214-2 SDG Number: KH227025

List Source: Eurofins Midland

Login Number: 35214

List Number: 1

Creator: Rodriguez, Leticia

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	

Eurofins Midland

Released to Imaging: 9/30/2025 10:01:14 AM



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

February 29, 2024

JOSEPH GUESNIER
TERRACON CONSULTANTS
5827 50TH ST. SUITE 1
LUBBOCK, TX 79424

RE: FOLK 11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/23/24 15:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TERRACON CONSULTANTS JOSEPH GUESNIER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/23/2024 Reported: 02/29/2024

Project Name: FOLK 11 BATTERY

Project Number: KH227025

Project Location: SPUR - EDDY CO

mg/kg

Sampling Date: 02/23/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: TANK - 5 - E 9.5' (H240918-01)

BTEX 8021B

DIEX 0021B	ilig/kg		Allalyzeu by: Jn						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11	
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76	
Total BTEX	<0.300	0.300	02/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9 % 71.5-13		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	02/28/2024	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Terracon	icon		BILL TO			
Project Manager: Joseph Guesnier	oh Guesnier				ANA	ANALYSIS REQUEST
Address: 4518 W. Pierce Street	ce Street		Da	artners LLC		
City: Carlsbad	State: NM Zip:	88220	Attn: Kathy Purvis		_	
100	Fax #:		Address: 2407 Pecos Ave	Ve		
Project #: KH247011	KH247611 KH227025 Project Owner:		City: Artesia		_	
Project Name: GJ South Water Facility	HAMBON FACILITY FOLK		State: NM 7in: 88210	0	_	
Project Location: Eddy County			57)		
Sampler Name: Gus S	Gus Sanchez		*	500)	IB)	
7	andiez	_	Fax #:		1211	
H7 UNGISC	MP.		PRESERV. SAMPLING	Method 3015	nod 80	
Lab I.D.	Sample I.D.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Chloride (EPA Me	BTEX (EPA Metho	
Tank	an 1 - 5-E 9.5 G	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	123-24	V (
PLEASE NOTE: Liablity and Damages, Ca analyses, All claims including those for neg service. In no event shall Cardinal be liable	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount pad by the client for the analyses. All claims including those for negligence and any other cause whatsower shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable.	arising whether based in contract or to waived unless made in writing and reco	arising whether based in contract or tort, shall be limited to the amount paid by the client for the waived unless made in writing and received by Cardinal within 30 days after completion of the a	y the client for the omplicable		
Relinquished By:	Relinguis hed By: Received By:	whout limitation, business interruptions, loss of use, or loss of pro- dinal, regardless of whether such claim is based upon any of the Received By:	If use, or loss of profits incurred by clier sed upon any of the above stated reason	nt, its subsidiaries, ons or otherwise.		
Relinguished By:	11me; 1534 8	Restriance	4	verbal result: ☐ Yes ☐ No [Add'I Phone #: All Results are emailed. Please provide Email address: Travis.Casey@Terracon.com; Joseph.Guesnier@Terracon.o	No Add'I Ph sase provide Email con.com; Joseph.Guesnier	III: U Yes U No JAdd'I Phone #: re emailed. Please provide Email address: Gus Sanchez@Terracon.com; Travis Casey@Terracon.com; Joseph Guesnier@Terracon.com; Beck/Sue Miller@Terracon.com;
		received by:	0	REMARKS: Cost Cente	Cost Center Number : 7010-7410	0-7410
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. C. 42	Sample Condition Cool Intact Per Yes	CHECKED BY:	Turnaround Time: Str		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
FORM-006 R 3.2 10/07/21	+ Cardinal cannot ac	C	0	Correction Factor -0.5°C*+14		No No Corrected Temp. °C

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joseph Guesnier Terracon Consulting Eng & Scientists 5847 50th St Lubbock, Texas 79424

Generated 10/17/2023 2:53:15 PM

JOB DESCRIPTION

Folk 11 State SDG NUMBER KH 227025

JOB NUMBER

890-5455-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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

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

Authorization

Generated 10/17/2023 2:53:15 PM

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

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Eurofins Carlsbad

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).

MRAMER

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Client: Terracon Consulting Eng & Scientists Project/Site: Folk 11 State

Laboratory Job ID: 890-5455-1 SDG: KH 227025

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11 State

Job ID: 890-5455-1 SDG: KH 227025

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

F1 MS and/or MSD recovery exceeds control limits.

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery **CFL** Contains Free Liquid CFU Colony Forming Unit **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dilution Factor Dil Fac

Detection Limit (DoD/DOE) DΙ

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: 890-5455-1 Project/Site: Folk 11 State SDG: KH 227025

Job ID: 890-5455-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-5455-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 10/13/2023 12:46 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 2.8°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: TANK 5-W (890-5455-1) and TANK 4-W (890-5455-2).

GC VOA

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

GC Semi VOA

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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64789 and analytical batch 880-64805 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.

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

Job ID: 890-5455-1

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11 State

SDG: KH 227025

Client Sample ID: TANK 5-W Date Collected: 10/12/23 12:28 Date Received: 10/13/23 12:46

Lab Sample ID: 890-5455-1 **Matrix: Solid**

Sample Depth: 4'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/16/23 08:37	10/16/23 13:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 08:37	10/16/23 13:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 08:37	10/16/23 13:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 08:37	10/16/23 13:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 08:37	10/16/23 13:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 08:37	10/16/23 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				10/16/23 08:37	10/16/23 13:24	1
1,4-Difluorobenzene (Surr)	79		70 - 130				10/16/23 08:37	10/16/23 13:24	1

Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Total BTEX <0.00402 U 0.00402 mg/Kg 10/16/23 13:24

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier MDL Unit Analyzed Dil Fac RL D Prepared Total TPH <50.5 U 50.5 mg/Kg 10/16/23 15:03

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier Analyte RL **MDL** Unit D Prepared Analyzed Dil Fac <50.5 U Gasoline Range Organics 50.5 10/16/23 10:59 10/16/23 15:03 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.5 U 50.5 mg/Kg 10/16/23 10:59 10/16/23 15:03 C10-C28) Oll Range Organics (Over C28-C36) <50.5 U 50.5 10/16/23 10:59 10/16/23 15:03 mg/Kg

%Recovery Qualifier Limits Prepared Dil Fac Surrogate Analyzed 1-Chlorooctane 70 - 130 10/16/23 10:59 10/16/23 15:03 80 o-Terphenyl 85 70 - 130 10/16/23 10:59 10/16/23 15:03

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac 4.97 10/16/23 15:21 Chloride 161 mg/Kg

Client Sample ID: TANK 4-W Date Collected: 10/12/23 10:49 Date Received: 10/13/23 12:46

Matrix: Solid

Lab Sample ID: 890-5455-2

Sample Depth: 6'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 08:37	10/16/23 12:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 08:37	10/16/23 12:02	1
Ethylbenzene	0.00214		0.00199		mg/Kg		10/16/23 08:37	10/16/23 12:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 08:37	10/16/23 12:02	1
o-Xylene	0.00301		0.00199		mg/Kg		10/16/23 08:37	10/16/23 12:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 08:37	10/16/23 12:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				10/16/23 08:37	10/16/23 12:02	1

Matrix: Solid

Lab Sample ID: 890-5455-2

Client Sample Results

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5455-1 Project/Site: Folk 11 State SDG: KH 227025

Client Sample ID: TANK 4-W

Date Collected: 10/12/23 10:49 Date Received: 10/13/23 12:46

Sample Depth: 6'

Method: SW846 8021B	- Volatile Organic	: Compounds	(GC)	(Continued)
Michiga: CVIC40 002 1B	Tolutile Organi	, compounds	100	(Oontinuca)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	87		70 - 130	10/16/23 08:37	10/16/23 12:02	1

Method: TAL	SOP Total BTEX	- Total BTEX	Calculation

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00515	0.00398	mg/Kg			10/16/23 12:02	1

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	ma/Ka			10/16/23 15:26	1

			(-::-)(-:)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/16/23 10:59	10/16/23 15:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/16/23 10:59	10/16/23 15:26	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/16/23 10:59	10/16/23 15:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4 Ohlawaaatawa			70 420				40/40/00 40-50	40/40/02 45:00	

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80	70 - 130	10/16/23 10:5	9 10/16/23 15:26	1
o-Terphenyl	82	70 - 130	10/16/23 10:5	9 10/16/23 15:26	1

Method: EPA 300.0 - Anions, Id	on Chromatography - So	luble
Amaluta	Decult Qualifier	DI

Analyte	Result Q	Qualifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135	4.97	mg/Kg			10/16/23 15:26	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11 State

Job ID: 890-5455-1

SDG: KH 227025

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

			Percent S	Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-5455-1	TANK 5-W	98	79	
890-5455-1 MS	TANK 5-W	119	94	
890-5455-1 MSD	TANK 5-W	113	113	
890-5455-2	TANK 4-W	115	87	
LCS 880-64769/1-A	Lab Control Sample	119	112	
LCSD 880-64769/2-A	Lab Control Sample Dup	112	114	
MB 880-64769/5-A	Method Blank	78	90	

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)	
890-5455-1	TANK 5-W	80	85	
890-5455-2	TANK 4-W	80	82	
890-5457-A-1-F MS	Matrix Spike	82	72	
890-5457-A-1-G MSD	Matrix Spike Duplicate	82	71	
LCS 880-64788/2-A	Lab Control Sample	97	99	
LCSD 880-64788/3-A	Lab Control Sample Dup	99	93	
MB 880-64788/1-A	Method Blank	93	98	

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11 State

Job ID: 890-5455-1 SDG: KH 227025

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-64769/5-A

Matrix: Solid

Analysis Batch: 64759

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64769

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 08:37	10/16/23 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 08:37	10/16/23 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 08:37	10/16/23 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/16/23 08:37	10/16/23 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 08:37	10/16/23 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/16/23 08:37	10/16/23 11:20	1

MB MB

MD MD

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78	70 - 130	10/16/23 08:37	10/16/23 11:20	1
1,4-Difluorobenzene (Surr)	90	70 - 130	10/16/23 08:37	10/16/23 11:20	1

Lab Sample ID: LCS 880-64769/1-A

Matrix: Solid

Analysis Batch: 64759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64769

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09322		mg/Kg		93	70 - 130	
Toluene	0.100	0.09263		mg/Kg		93	70 - 130	
Ethylbenzene	0.100	0.1010		mg/Kg		101	70 - 130	
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130	
o-Xylene	0.100	0.1104		mg/Kg		110	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	119	70 - 130
1,4-Difluorobenzene (Surr)	112	70 - 130

Lab Sample ID: LCSD 880-64769/2-A

Matrix: Solid

Analysis Batch: 64759

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 64769

Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Benzene 0.100 0.09816 mg/Kg 98 70 - 130 5 35 Toluene 0.100 0.09206 mg/Kg 92 70 - 130 35 Ethylbenzene 0.100 0.09430 mg/Kg 94 70 - 130 35 m-Xylene & p-Xylene 0.200 0.2044 mg/Kg 102 70 - 130 35 0.100 0.1021 mg/Kg 102 70 - 130 35 o-Xylene

LCSD LCSD

Surrogate	%Recovery Qu	ıalifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 890-5455-1 MS

Matrix: Solid

Analysis Batch: 64759

Client Sample ID: TANK 5-W

Prep Type: Total/NA

Prep Batch: 64769

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U	0.0998	0.1041		mg/Kg		104	70 - 130	
Toluene	< 0.00201	U	0.0998	0.1002		mg/Kg		100	70 - 130	

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Released to Imaging: 9/30/2025 10:01:14 AM

QC Sample Results

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11 State

Job ID: 890-5455-1 SDG: KH 227025

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

Lab Sample ID: 890-5455-1 MS

Lab Sample ID: 890-5455-1 MSD

Matrix: Solid

Matrix: Solid

o-Xylene

Analysis Batch: 64759

Client Sample ID: TANK 5-W

Prep Type: Total/NA

Prep Batch: 64769

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00201	U	0.0998	0.1051		mg/Kg		105	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2264		mg/Kg		113	70 - 130	
o-Xylene	<0.00201	U	0.0998	0.1122		mg/Kg		112	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Client Sample ID: TANK 5-W

Prep Type: Total/NA

Prep Batch: 64769

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Analysis Batch: 64759 Sample Sample Spike MSD MSD %Rec **RPD** Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit Benzene <0.00201 U 0.100 70 - 130 15 35 0.08916 mg/Kg 89 Toluene <0.00201 U 0.100 0.08403 70 - 130 18 35 mg/Kg 84 87 Ethylbenzene <0.00201 U 0.100 0.08680 mg/Kg 70 - 130 19 35 m-Xylene & p-Xylene <0.00402 U 0.200 0.1859 mg/Kg 93 70 - 130 20 35

0.09348

0.100

MSD MSD

<0.00201 U

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 70 - 130 113 1,4-Difluorobenzene (Surr) 113 70 - 130

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

Lab Sample ID: MB 880-64788/1-A

Matrix: Solid

Analysis Batch: 64753

Client Sample ID: Method Blank

70 - 130

93

mg/Kg

Prep Type: Total/NA

Prep Batch: 64788

	IVID	IAID								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 08:49	1	
(GRO)-C6-C10 Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 08:49	1	
C10-C28)	00.0		00.0		99		. 0, . 0, 20	.0, .0,20 000	·	
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 08:49	1	

MB MB

MR MR

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93	70 - 130	10/16/23 08:00	10/16/23 08:49	1
o-Terphenyl	98	70 - 130	10/16/23 08:00	10/16/23 08:49	1

Lab Sample ID: LCS 880-64788/2-A

Matrix: Solid

Analysis Batch: 64753

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 64788

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	881.8		mg/Kg		88	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	915.4		mg/Kg		92	70 - 130	
C10-C28)								

QC Sample Results

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11 State

Job ID: 890-5455-1

SDG: KH 227025

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

LCS LCS

Lab Sample ID: LCS 880-64788/2-A

Lab Sample ID: LCSD 880-64788/3-A

Lab Sample ID: 890-5457-A-1-F MS

Matrix: Solid

Analysis Batch: 64753

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64788

%Recovery Qualifier Surrogate

Limits 1-Chlorooctane 97 70 - 130 o-Terphenyl 99 70 - 130

Client Sample ID: Lab Control Sample Dup

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Prep Type: Total/NA

Matrix: Solid

Diesel Range Organics (Over

Analysis Batch: 64753

Analysis Batch: 64753

Prep Batch: 64788 LCSD LCSD %Rec **RPD** Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics 1000 866.4 mg/Kg 87 70 - 130 2 20 (GRO)-C6-C10

877.5

mg/Kg

1000

C10-C28)

LCSD LCSD

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 99 70 - 130 70 - 130 o-Terphenyl 93

Client Sample ID: Matrix Spike

70 - 130

Prep Type: Total/NA

Prep Batch: 64788

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits **Analyte** Unit D %Rec <49.9 U Gasoline Range Organics 991 734.8 mg/Kg 72 70 - 130 (GRO)-C6-C10 991 Diesel Range Organics (Over <49.9 U 703.9 mg/Kg 71 70 - 130

C10-C28)

Matrix: Solid

MS MS

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 70 - 130 82 o-Terphenyl 72 70 - 130

Lab Sample ID: 890-5457-A-1-G MSD

Matrix: Solid

Analysis Batch: 64753

Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

Prep Batch: 64788 %Rec **RPD**

Sample Sample Result Qualifier Added Result Qualifier Limits **RPD** Limit **Analyte** Unit %Rec Gasoline Range Organics <49.9 U 991 733.4 71 70 - 130 20 mg/Kg O (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 991 712.2 mg/Kg 72 70 - 130 20

MSD MSD

Spike

C10-C28)

MSD MSD

%Recovery Qualifier Limits Surrogate 1-Chlorooctane 82 70 - 130 71 o-Terphenyl 70 - 130

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QC Sample Results

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11 State

Job ID: 890-5455-1

SDG: KH 227025

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-64789/1-A

Lab Sample ID: LCS 880-64789/2-A

Client Sample ID: Method Blank

Prep Type: Soluble

Analysis Batch: 64805

Matrix: Solid

Matrix: Solid

MB MB

Result Qualifier RL **MDL** Unit Analyzed Dil Fac Analyte D Prepared 5.00 10/16/23 13:42 Chloride <5.00 U mg/Kg

Client Sample ID: Lab Control Sample

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Prep Type: Soluble

Analysis Batch: 64805

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits 250 90 - 110 Chloride 246.6 mg/Kg 99

Lab Sample ID: LCSD 880-64789/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Soluble

Analysis Batch: 64805

Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Limits **RPD** Limit **Analyte** Unit %Rec Chloride 250 244.7 98 90 - 110 20 mg/Kg

Lab Sample ID: 880-34454-A-1-B MS **Client Sample ID: Matrix Spike Matrix: Solid Prep Type: Soluble**

Analysis Batch: 64805

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 10200 F1 5020 17030 F1 mg/Kg 136 90 - 110

Lab Sample ID: 880-34454-A-1-C MSD

Matrix: Solid

Analysis Batch: 64805

MSD MSD RPD Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit Limits RPD %Rec Limit Chloride 10200 F1 5020 17010 F1 136 20 mg/Kg 90 - 110 0

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-5455-1 Project/Site: Folk 11 State SDG: KH 227025

GC VOA

Analysis Batch: 64759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5455-1	TANK 5-W	Total/NA	Solid	8021B	64769
890-5455-2	TANK 4-W	Total/NA	Solid	8021B	64769
MB 880-64769/5-A	Method Blank	Total/NA	Solid	8021B	64769
LCS 880-64769/1-A	Lab Control Sample	Total/NA	Solid	8021B	64769
LCSD 880-64769/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	64769
890-5455-1 MS	TANK 5-W	Total/NA	Solid	8021B	64769
890-5455-1 MSD	TANK 5-W	Total/NA	Solid	8021B	64769

Prep Batch: 64769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5455-1	TANK 5-W	Total/NA	Solid	5035	
890-5455-2	TANK 4-W	Total/NA	Solid	5035	
MB 880-64769/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-64769/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-64769/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-5455-1 MS	TANK 5-W	Total/NA	Solid	5035	
890-5455-1 MSD	TANK 5-W	Total/NA	Solid	5035	

Analysis Batch: 64829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5455-1	TANK 5-W	Total/NA	Solid	Total BTEX	
890-5455-2	TANK 4-W	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 64753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5455-1	TANK 5-W	Total/NA	Solid	8015B NM	64788
890-5455-2	TANK 4-W	Total/NA	Solid	8015B NM	64788
MB 880-64788/1-A	Method Blank	Total/NA	Solid	8015B NM	64788
LCS 880-64788/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	64788
LCSD 880-64788/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	64788
890-5457-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	64788
890-5457-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	64788

Prep Batch: 64788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5455-1	TANK 5-W	Total/NA	Solid	8015NM Prep	
890-5455-2	TANK 4-W	Total/NA	Solid	8015NM Prep	
MB 880-64788/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-64788/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-64788/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-5457-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-5457-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 64871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5455-1	TANK 5-W	Total/NA	Solid	8015 NM	
890-5455-2	TANK 4-W	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5455-1 Project/Site: Folk 11 State SDG: KH 227025

HPLC/IC

Leach Batch: 64789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5455-1	TANK 5-W	Soluble	Solid	DI Leach	
890-5455-2	TANK 4-W	Soluble	Solid	DI Leach	
MB 880-64789/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-64789/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-64789/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-34454-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-34454-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 64805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5455-1	TANK 5-W	Soluble	Solid	300.0	64789
890-5455-2	TANK 4-W	Soluble	Solid	300.0	64789
MB 880-64789/1-A	Method Blank	Soluble	Solid	300.0	64789
LCS 880-64789/2-A	Lab Control Sample	Soluble	Solid	300.0	64789
LCSD 880-64789/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	64789
880-34454-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	64789
880-34454-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	64789

Lab Chronicle

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11 State

SDG: KH 227025 Lab Sample ID: 890-5455-1

Client Sample ID: TANK 5-W Date Collected: 10/12/23 12:28

Date Received: 10/13/23 12:46

– .		
	Matrix: Solid	
	Watrix. Solid	

Job ID: 890-5455-1

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	64769	10/16/23 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64759	10/16/23 13:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64829	10/16/23 13:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			64871	10/16/23 15:03	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	64788	10/16/23 10:59	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64753	10/16/23 15:03	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	64789	10/16/23 11:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64805	10/16/23 15:21	CH	EET MID

Lab Sample ID: 890-5455-2

Client Sample ID: TANK 4-W Date Collected: 10/12/23 10:49 **Matrix: Solid**

Date Received: 10/13/23 12:46

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	64769	10/16/23 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64759	10/16/23 12:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64829	10/16/23 12:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			64871	10/16/23 15:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	64788	10/16/23 10:59	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64753	10/16/23 15:26	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	64789	10/16/23 11:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64805	10/16/23 15:26	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists

Job ID: 890-5455-1 Project/Site: Folk 11 State SDG: KH 227025

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	P	T104704400-23-26	06-30-24
The following analyte	s are included in this reno	rt but the laboratory is i	not certified by the governing author	rity This list may inc
0 ,	does not offer certification	,	not contined by the governing dution	nty. This list may me
0 ,	•	,	Analyte	nty. This list may me
for which the agency	does not offer certification	1.	, , ,	

Method Summary

Client: Terracon Consulting Eng & Scientists

Project/Site: Folk 11 State

Job ID: 890-5455-1

SDG: KH 227025

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: Folk 11 State

Job ID: 890-5455-1

SDG: KH 227025

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	D
890-5455-1	TANK 5-W	Solid	10/12/23 12:28	10/13/23 12:46	4'
890-5455-2	TANK 4-W	Solid	10/12/23 10:49	10/13/23 12:46	6'

eurotins	Environment Testing	esting	Hou	ston, TX (2 d, TX (432	Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 dland, TX (432) 704-5440, San Antonio, TX (210) 509-33	Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334	Work Order No:		
			EL PA Hobb	50, TX (91.	<u>:t. raso, 1X (915)</u> 58 5 -3443, Lubbock, TX (806) 794-1296 40bbs, NM (575) 392-7550, Carlsbad, NM (575) 988-319	ELPASO, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199			
	S						www.xenco.com	Page	of
Project Manager: Toceph	GVESNIEN		Bill to: (if different)	e e	Our		Work Order Comments	omments	
Company Name:	Perracon	,	Company Name:	à	Sper	Pro	T/PST PRP	Brownfields ☐ RRC ☐	Superfund
Address: US18	W P. Pree -	+.5	Address:		-	Stal			
City, State ZIP: 8822U	Carlsbud	N/M	City, State ZIP:			Rep	evel Level	TS	LevelIV
		Email:				Deli	Deliverables: EDD ADa	ADaPT 🔲 Other:	
Project Name: Folky	51,010	Turn	Turn Around			ANALYSIS REQUEST		Preservative Codes	odes
er:	7025	Routine	W Rush	Pres. Code				None: NO	DI Water: H ₂ O
Project Location:		Due Date:	48 hour					_	MeOH: Me
Sampler's Name: Gus San	Saucher	TAT starts the	TAT starts the day received by the lab, if received by 4:30pm					HCL: HC F	HNO 3: HN NaOH: Na
SAMPLE RECEIPT Temp	Temp Blank: Yes No	Wet Ice:	Yes No	et e rs	-			H₃PO 4: HP	
tact:	No Thermometer ID:	ter ID:	MMOS	IL9 III	917	890-5455 Chain of Custody	in of Custody	NaHSO 4: NABIS	
	AMA		-0.2		108 08 103		-	Na25203: NaSO 3	
Sample Custody Seals: Yes No Total Containers:	N/A)	Temperature Reading: Corrected Temperature:	3.50))	2.2		Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	n :SAPC
Sample Identification	Matrix Sampled	Time	Depth Grab/	# of Cont	Chloring Property			Sample Comments	nents
Tank 5 - W	8-21-01 10-13-33	17:18	41 Gret	1	1				
Tank 4 - W	50:1 1042-23		915 19		1				
Total 200.7 / 6010 200.8 / 6020		BRCRA 13PP	13PPM Texas 11	Al Sb	As Ba Be B Cc	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni	Mo Ni K Se Ag SiO ₂ Na Sr TI Sn U V	TI Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed	to be analyzed	TCLP / SF	TCLP / SPLP 6010 : 8RCRA		As Ba Be Cd	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U	Hg: 1631	/245.1 / 7470 / 7471	
inature of this document and relinquist Eurofins Xenco will be liable only for th Xenco. Aminimum charge of \$85.00 v	hment of samples constitutes. he cost of samples and shall no will be applied to each project	a valid purchase orde ot assume any respoi and a charge of \$5 f	ler from client compar nsibility for any losses for each sample subm	y to Eurofin or expense: itted to Eur	s Xenco, its affiliates an incurred by the client ins Xenco, but not and	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco, will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	inditions control isly negotiated.		
Relinquished by: (Signature)	Peceived	eceived by: (Signature	(6		Date/Time	Relinquished by: (Signature)	Received by: (Signature)	e) Date/Time	lime
1 the	S)	X	10-1	3	ghel	.0			
		>							

Chain of Custody

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job N

Job Number: 890-5455-1 SDG Number: KH 227025

Login Number: 5455 List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 890-5455-1 SDG Number: KH 227025

SDG Number: KH 22/025

List Source: Eurofins Midland
List Number: 2
List Creation: 10/16/23 08:35 AM

Creator: Rodriguez, Leticia

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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Released to Imaging: 9/30/2025 10:01:14 AM

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August 23, 2024

JOSEPH GUESNIER
TERRACON CONSULTANTS
5827 50TH ST. SUITE 1
LUBBOCK, TX 79424

RE: FOLK 11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/21/24 14:56.

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

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

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

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Accreditation applies to public drinking water matrices.

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

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TERRACON CONSULTANTS JOSEPH GUESNIER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 08/21/2024 Reported: 08/23/2024

Project Name: FOLK 11 BATTERY

Project Number: KH227025

Project Location: SPUR - EDDY CO

Sampling Date: 08/21/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: E - 1 (1') (H245099-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	2.11	106	2.00	2.30	
Toluene*	<0.050	<0.050 0.050		08/22/2024 ND		102	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.05	103	2.00	4.39	
Total Xylenes*	<0.150 0.150		08/22/2024	08/22/2024 ND		102	6.00	4.65	
Total BTEX	<0.300	<0.300 0.300		08/22/2024 ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery True Value QC		RPD	Qualifier
Chloride	16.0	16.0	08/22/2024 ND		432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	209	105	200	9.73	
DRO >C10-C28*	O >C10-C28* <10.0 10.0		08/22/2024	ND	202	101	200	8.23	
EXT DRO >C28-C36	T DRO >C28-C36 <10.0 10.0		08/22/2024	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane 112 %		% 49.1-14	8						

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Cardinal Laboratories *=Accredited Analyte

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



Analytical Results For:

TERRACON CONSULTANTS JOSEPH GUESNIER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 08/21/2024 Reported: 08/23/2024

Project Name: **FOLK 11 BATTERY** Project Number: KH227025 Project Location: SPUR - EDDY CO

Sampling Date: 08/21/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: NE - 1 (1') (H245099-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	2.11	106	2.00	2.30	
Toluene*	<0.050	0.050	08/22/2024	ND	2.04	102	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.05	103	2.00	4.39	
Total Xylenes*	<0.150 0.150		08/22/2024 ND		6.09	102	6.00	4.65	
Total BTEX	<0.300	0.300	08/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500Cl-B	/kg	Analyze	d By: CT						
Analyte	Analyte Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	209	105	200	9.73	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	202	101	200	8.23	
EXT DRO >C28-C36	<10.0 10.0		08/22/2024	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane			8						

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with Sigh

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



Analytical Results For:

TERRACON CONSULTANTS JOSEPH GUESNIER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 08/21/2024 Reported: 08/23/2024

Project Name: **FOLK 11 BATTERY** Project Number: KH227025 Project Location: SPUR - EDDY CO

Sampling Date: 08/21/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: SE - 1 (1') (H245099-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	2.11	106	2.00	2.30	
Toluene*	<0.050	0.050	08/22/2024	ND	2.04	102	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.05	103	2.00	4.39	
Total Xylenes*	<0.150 0.150		08/22/2024 ND		6.09	102	6.00	4.65	
Total BTEX	<0.300	0.300	08/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
loride, SM4500Cl-B mg/kg			Analyze	d By: CT					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/22/2024 ND		432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	209	105	200	9.73	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	202	101	200	8.23	
EXT DRO >C28-C36	<10.0 10.0		08/22/2024 ND						
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	e: 1-Chlorooctadecane 108 % 49.1-148		8						

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



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Joseph Greans	P.O. #: KH727625	25	ANALYSIS REQUEST
Phone #: Fax #:	In zip: 80020 Attn: Kathy Row	3/0	
Project #: Project Owner:	wner: City:		
Project Name: Polk 1	State: Zip:		
Sampler Name: Seed Seed	Phone #: 575-441-8819	8619	
2061 4116-050	MATRIX PRESERV SA	SAMPLING	
	RS TER R		
Hab I.D. Sample I.D.	# CONTAINERS GROUNDWATE WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TPH	
7 12-1	*	12:5 X	
(1) 1-75	60	X X	
Consider in contract of the performance of services whatsoever shall be deemed waked unless made in writing and contract or tort, shall be limited to the amount paid by the client for the contract or tort, shall be limited to the amount paid by the client for the considered or consequents after the client shall cardinal be liable for incidental or consequents damages, including without limitation, business interruptions, loss of use, or toos of profits incurred by client, its subsidiaries, including without limitation, business interruptions, loss of use, or toos of profits forced in the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or or herence.	Susive remedy for any claim arising whether based in contract or tort, shall be limited to the amount profusionever shall be deemed walved unless made in writing and recolved by Cardinal within 30 days and damages, including without firmitation, business interruptions, loss of use, or loss of profits incurred by cardinal, regardless of whether such claim is based upon any of the above stated		
Time: 450		ible	
Delivered By: (Circle One) Observed Temp. °C 3. A Sample Condition CHECKED BY: Turnaround Time: Standard Standard Be Cool Intact C	Sample Condition CHECKED BY: Cool Intact (Initials) C3-3 D No D No	□ Yes □ No mailed. Please provid	Add'i Phone #: \$66-\$44-9276 e Email address:



February 11, 2025

BRUCE BAKER
TERRACON CONSULTANTS
5827 50TH ST. SUITE 1
LUBBOCK, TX 79424

RE: FOLK 11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/10/25 14:38.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY

Project Number: KH227025

Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: A7 - W - SW 0-2 (H250800-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025 ND		2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150 0.150		02/10/2025	02/10/2025 ND		110	6.00	1.01	
Total BTEX	<0.300 0.300		02/10/2025 ND						
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	02/11/2025 ND		400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	10.0	10.0	02/11/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	TT DRO >C28-C36 <10.0 10.0		02/11/2025	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148		8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TERRACON CONSULTANTS **BRUCE BAKER** 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Sampling Date: 02/10/2025 Reported: 02/11/2025 Sampling Type: Soil

Project Name: FOLK 11 BATTERY Sampling Condition: Cool & Intact Project Number: KH227025 Sample Received By: Shalyn Rodriguez

Project Location: SPUR - EDDY CO

Sample ID: A7 - FS 2 (H250800-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050 0.050		02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150 0.150		02/10/2025 ND		6.61	110	6.00	1.01	
Total BTEX	<0.300 0.300		02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/11/2025	025 ND		100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0 10.0		02/11/2025	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	ŭ		8						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Deliered By: (Circle One) Sampler - UPS - Bus	Relinquished By:		Relinquished By:	NEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusi- mayers. All claims including those for negligence and any other cause white properties damages, including without limitation, business interruptions. In any control of the properties of					9	ρ-	1	Lab I.D.	TOT DESCRIPTION	Sampler Name: Iravis Casey	Tolect Location, Locy	Project Location: Eddy	Project Name: Ealt 44	Project #: KH227025	Phone #: 5756895949	City: Carlsbad	Address: 4526 W. Pierce Street	Project Manager: Bruce Baker	(575) 393-2326 Company Name: Terracon
- Other:	\	The state of the s		e remedy for any claim oever shall be deemed s of use, or loss of prof hereunder by Cardinal						A7 - FS	A7 - W - SW	Sample I.D.									reet	ter	FAX (5/5) 393-24/6
Con Co	Time:	Time:	Date	arising shelmet based in contract or or, shall be limited to the amount paid by the cleat it is waved unless made in withing and inserted by Cardinal within 30 days after completed to be incorred by clear, in whiting and inserted or the binoursed by clear, it is waited arise, regardless of whether such claim is based upon any of the above stated reasons or otherwise	_	+	+		+	+	0	Start	De	+				Proje	Fax #:				
Corrected Temp.	16. S.	1/0/	_	ed in contract or tort, shall in writing and received by its subsidiaries, or such claim is based up		+	T			2	2	End	Depth					Project Owner: Spur Energy	#				П
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(Initials)	CHECKED BY:	rigues?								02/10/25	02/10/25	DATE		SAMPLING			NM, 88220	Carlsbad	4526 W. Pierce St		Company: Terracon		BILL TO:
Turnaround Time: Standard Bacteria (H) H) HO 3 (Rush A) Cool Thermometer ID +1113 WW D NO		All Results are emailed. Please provide Email address: joesph guesnie@terracon.com,travis.casey@terracon.com,chuck.smitn@terracon.com, beckysue.miller@terracon.com gus.sarchez@terracon.com	Verbal Result:□ Yes □ No Add'l Phone #:	be liable for incidental or						10:20	10:16	TIME					0		erce St				
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February 11, 2025

BRUCE BAKER
TERRACON CONSULTANTS
5827 50TH ST. SUITE 1
LUBBOCK, TX 79424

RE: FOLK 11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/10/25 14:38.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY

Project Number: KH227025

Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: A1 - W - SW 0-4 (H250801-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	1.82	90.9	2.00	5.81	
Toluene*	<0.050	0.050	02/10/2025	ND	1.88	94.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	1.79	89.3	2.00	5.68	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	5.25	87.5	6.00	5.61	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	218	109	200	0.526	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	210	105	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

A .. . l. d D. .. 311

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Celey D. Keene



Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424

Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY

KH227025

90.8 %

49.1-148

Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: A1, B1 - S - SW 0-4 (H250801-02)

Project Number:

Surrogate: 1-Chlorooctadecane

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	1.82	90.9	2.00	5.81	
Toluene*	<0.050	0.050	02/10/2025	ND	1.88	94.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	1.79	89.3	2.00	5.68	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	5.25	87.5	6.00	5.61	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Chloride	Result 64.0	Reporting Limit	Analyzed 02/11/2025	Method Blank ND	BS 400	% Recovery	True Value QC 400	RPD 3.92	Qualifier
,		16.0	02/11/2025			•	•		Qualifier
Chloride	64.0	16.0	02/11/2025	ND		•	•		Qualifier Qualifier
Chloride TPH 8015M	64.0 mg/	16.0 'kg	02/11/2025 Analyze	ND d By: MS	400	100	400	3.92	
Chloride TPH 8015M Analyte	64.0 mg/	16.0 'kg Reporting Limit	02/11/2025 Analyze Analyzed	ND d By: MS Method Blank	400 BS	100 % Recovery	400 True Value QC	3.92 RPD	
Chloride TPH 8015M Analyte GRO C6-C10*	64.0 mg/ Result <10.0	16.0 Reporting Limit 10.0	02/11/2025 Analyze Analyzed 02/11/2025	ND d By: MS Method Blank ND	400 BS 218	100 % Recovery 109	400 True Value QC 200	3.92 RPD 0.526	

Analyzed By: JH

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Celey D. Kreine



Analytical Results For:

TERRACON CONSULTANTS **BRUCE BAKER** 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY Project Number: KH227025

Project Location: SPUR - EDDY CO Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: A1, B1 FS 4 (H250801-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH				RPD 5.81 5.75 5.68 5.61 RPD 3.92 RPD 0.526 1.39	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	1.82	90.9	2.00	5.81	
Toluene*	<0.050	0.050	02/10/2025	ND	1.88	94.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	1.79	89.3	2.00	5.68	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	5.25	87.5	6.00	5.61	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	218	109	200	0.526	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	210	105	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	Deliered By: (Circle One) Sampler - UPS - Bus	Relinquished By:	1	Relinquished By:	PLEASE NOTE: Liability and Dismages. Card analyses. All claims including those for neptigo consequential dismages, including without limits affiliates or successors arising out of or related					w	υ.		1000001	Lab I.D.		Sampler Name: Travis Casey	Project Location: Eddy	Project Name: Folk 11	Project #: KH227025	Phone #: 5756895949	City: Carlsbad	Address: 4526 W. Pierce Street	Project Manager: Bruce Baker	Company Name: Terracon
	- Other:	(Stan)	PLEASE NOTE: Liability and Dismages. Cardena's stability and clarific exclusive removed yet any claim is straing wroter oreas in course. In co. we assure that the cardenal cardenal claims including brase for repliquice and any other cause whatcover shall be demend watevillowing made in miting and reserved by Cardinal within 30 days after completion of the applicable service. In no event shall Cardenal pulphose, because of repliquice and any other cause whatcover shall be cardenal cardenal resource of the pulphose and any other cause whatcover shall cardenal carden					A1, B1 FS	A1, B1 - S - SW	A1 - W - SW		Sample I.D.		, y						eet	er	
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February 11, 2025

BRUCE BAKER
TERRACON CONSULTANTS
5827 50TH ST. SUITE 1
LUBBOCK, TX 79424

RE: FOLK 11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/10/25 14:38.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY

Project Number: KH227025

Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 12, B 13 - W - SW 0-4 (H250798-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

TERRACON CONSULTANTS **BRUCE BAKER** 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY Project Number: KH227025

Project Location: SPUR - EDDY CO Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: B 12, FS 4 (H250798-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.5	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY
Project Number: KH227025
Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: C12, C13 - E - SW 0-4 (H250798-03)

mg/kg

67.4 %

49.1-148

BTEX 8021B

				<u> </u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	64.1	% 48.2-13	1						

Analyzed By: JH

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Celey D. Keine

Surrogate: 1-Chlorooctadecane



Analytical Results For:

TERRACON CONSULTANTS **BRUCE BAKER** 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY Project Number: KH227025 Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: C13 - FS 4 (H250798-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH				RPD 0.525 0.937 1.13 1.01 RPD 3.92 RPD 0.483 0.688	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	85.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.1	% 49.1-14	8						

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Celeg D. Freene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celey D. Keine

Laboratories 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	Deliered By: (Circle One) Sampler - UPS - Bus -	Relinquished By:	has	Relinquished By:	PLEASE NOTE: Liability and Damages. Cardinate liability and client's exclusive remark) for any. PLEASE NOTE: Liability and Damages. Cardinate liability other cause whatsower shall be dee consequents, As claims including those for negligance and any other cause whatsower shall be dee consequents dismages, including without limitation, business interruptions, loss of deep of loss of affiliation or successful window put of or related to the performance of services hereunder by Card affiliation or successful windows.					24	N Q	b -	, B	Lab I.D.	FOR LAB USE ONLY	Sampler Name: Travis Casey	Project Location: Eddy	Project Name: Folk 11	Project #: KH227025	Phone #: 5756895949	City: Carlsbad	Address: 4526 W. Pierce Street	Project Manager: Bruce Baker	Company Name: Terracon
	- Other:		M		EJSE HOTE: Unbelly and Demagne. Cardina's liability and otentic exclusive remedy for any claim straing writters bead it covers on any, or an or minor or all and a strain of the department of the algorithm of th					C13 - FS	C12, C13 - E - SW	B12 - FS	B12, B13 - W - SW	Sample I.D.										TAN (OIO) OOC ETTO
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	(Initials)	OUECKED BY.	95		dam assing whether season is not read to a minimum or a minimum or a more season of the applicable service. In no event shall Cardinal be lable for incidental or profits nounted by clark in the season of whether such claim is based upon any of the above stated reasons or otherwise.					02/10/25	02/10/25	02/10/25	02/10/25	DATE	SAMPLING			NIVI, 88220	Carisbad	4526 W. Pierce St		Company: Terracon		BILL TO:
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February 11, 2025

BRUCE BAKER
TERRACON CONSULTANTS
5827 50TH ST. SUITE 1
LUBBOCK, TX 79424

RE: FOLK 11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/10/25 14:38.

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

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TERRACON CONSULTANTS BRUCE BAKER 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY

Project Number: KH227025

Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: A4, A6, - W - SW 0-4 (H250799-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

TERRACON CONSULTANTS **BRUCE BAKER** 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported: 02/11/2025

Project Name: FOLK 11 BATTERY Project Number: KH227025 Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: A4 - FS 5 (H250799-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH				RPD 0.525 0.937 1.13 1.01 RPD 3.92 RPD 0.483 0.688	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					
Surrogate: 1-Chlorooctane	74.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.2	% 49.1-14	8						

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Analytical Results For:

TERRACON CONSULTANTS **BRUCE BAKER** 5827 50TH ST. SUITE 1 LUBBOCK TX, 79424 Fax To:

Received: 02/10/2025 Reported:

02/11/2025

Project Name: FOLK 11 BATTERY Project Number: KH227025 Project Location: SPUR - EDDY CO

Sampling Date: 02/10/2025

Sampling Type: Soil Sampling Condition:

Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: A6 - FS 5 (H250799-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH				RPD 0.525 0.937 1.13 1.01 RPD 3.92 RPD 0.483 0.688	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/11/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	184	91.9	200	0.483	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	184	92.1	200	0.688	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

FORM-006 R 3.2 10/07/21	Deliered By: (Circle One) Sampler - UPS - Bus		Relinquished By:	Vennymon p)	Belinquished By:	PLEASE NOTE: Liability and Damages. Cards analyses. All claims. Including those for neglige consequental damages, including without limits and analyses.						w	Z)		tale	Lab I.D.	FOR LAB USE ONLY	Sampler Name: Travis Casey	Project Location: Eddy	Project Name: Folk 11	Project #: KH227025	Phone #: 5756895949	City: Carlsbad	Address: 4526 W. Pierce Street	Project Manager: Bruce Baker	Company Name: Terracon
	- Other:					PLEASE NOTE: Liability and Damages. Cardral's lability and clared scalative releady for any claim a standy where drawes in consequent and in writing and received by Cardral within 30 days after completion of any after the claims including broke for negligence and any other clases whatcower shall be deemed watered unless for which included in received by Cardral within 30 days after completion of consequent and claims, including when a few particulars to a few interruptions, to so of one. The processors and consequent and claims are a few interruptions, loss of one, or loss of grotts incrumed by claims, including when a few advantages of dearly one of consequent and company, including when which are particular in the consequent and the consequent and the consequent and the consequent and the consequence of the consequent and the consequence of the conseque						A6 - FS	A4 - FS	A4, A6, - W - SW		Sample I.D.		Y						eet	er	
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on Commigue	Turnaround Time: Standard # 140 +0 -32 Thermometer 10 -1113 Correction Factor - \$590 Correction Factor - \$590		REMARKS: Cost Code: #1080791001	All Results are emailed. Please provide Email address: joesph guesnier@terracon.com.travis.casey@terracon.com.chuck.smith@terracon.com beckysue.miller@terracon.com gus.sanchez@terracon.com	Verbal Result: ☐ Yes ☐ No Add'I Phone #:	be liable for incidental or						10.13	10.13	10.10	10-07	TIME				60	50	W. Pierce St				
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Closure Documentation
Folk State 11 Battery | Eddy County, New Mexico February 12, 2025, | Terracon Project No. KH227025



APPENDIX E – 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 scope of work agreed with you, Spur Energy Partners LLC, as reflected in our Scope of Work Bid Request for incident number nAPP2232679528.

Additional Scope Limitations

The development of this Closure Report is based on information provided by Spur Energy Partners LLC, and Terracon's remediation and construction services line. 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 Spur Energy Partners 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 Spur Energy Partners 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 Spur Energy Partners LLC and Terracon. Any unauthorized distribution or reuse is at Spur Energy Partners LLC's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the proposal and Spur Energy Partners 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 Spur Energy Partners 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 508878

QUESTIONS

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	508878
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites						
Incident ID (n#)	nAPP2232679528					
Incident Name	NAPP2232679528 FOLK STATE 11 BATTERY @ FAPP2201051330					
Incident Type	Oil Release					
Incident Status	Remediation Closure Report Received					
Incident Facility	[fAPP2201051330] Folk State 11 Tank Battery					

Location of Release Source					
Please answer all the questions in this group.					
Site Name	FOLK STATE 11 BATTERY				
Date Release Discovered	11/22/2022				
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 Fitting Crude Oil Released: 27 BBL Recovered: 25 BBL Lost: 2 BBL.					
Produced Water Released (bbls) Details	Not answered.					
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.					
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)	Release caused by corrosion of a pipe fitting on the circulating line					

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General Information Phone: (505) 629-6116

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

QUESTIONS, Page 2

Action 508878

QUESTIONS	(continued)
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Operator: Spur Energy Partners LLC	OGRID: 328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	508878
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	n/a
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 09/24/2025

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

Phone: (505) 629-6116 Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 3

Action 508878

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	508878
	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 approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd 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 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
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	n 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 m	illigrams per kilograms.)
Chloride (EPA 300.0 or SM4500 CI B)	288
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1536
GRO+DRO (EPA SW-846 Method 8015M)	1260
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 complete which includes the anticipated timelines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	04/25/2025
On what date will (or did) the final sampling or liner inspection occur	07/17/2025
On what date will (or was) the remediation complete(d)	05/30/2025
What is the estimated surface area (in square feet) that will be reclaimed	1763
What is the estimated volume (in cubic yards) that will be reclaimed	264
What is the estimated surface area (in square feet) that will be remediated	1763
What is the estimated volume (in cubic yards) that will be remediated	264
These estimated dates and measurements are recognized to be the best guess or calculation at the	ne 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.

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

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 4

Action 508878

QUESTIONS (continued)

Operator:	OGRID:				
Spur Energy Partners LLC	328947				
9655 Katy Freeway	Action Number:				
Houston, TX 77024	508878				
	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	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement

Name: Katherine Purvis
Title: EHS Coordinator

Email: katherine.purvis@spurenergy.com

Date: 09/24/2025

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

QUESTIONS, Page 5

Action 508878

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	508878
	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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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.

QUESTIONS, Page 6

Action 508878

QUESTIONS (continued)

Santa Fe, NM 87505

State of New Mexico

Operator:		OGRID:
	Spur Energy Partners LLC	328947
	9655 Katy Freeway	Action Number:
	Houston, TX 77024	508878
		Action Type:
		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	484733
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/17/2025
What was the (estimated) number of samples that were to be gathered	3
What was the sampling surface area in square feet	600

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	1763
What was the total volume (cubic yards) remediated	264
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	1763
What was the total volume (in cubic yards) reclaimed	264
Summarize any additional remediation activities not included by answers (above)	CONTAMINATED SOIL WAS REMOVED TO MEET THE MOST STRINGENT STANDARDS SET FORTH BY NMOCD

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

I hereby agree and sign off to the above statement

Title: EHS Coordinator
Email: katherine.purvis@spurenergy.com
Date: 09/24/2025

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QUESTIONS, Page 7

Action 508878

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	508878
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 508878

CONDITIONS

Operator:	OGRID:
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9655 Katy Freeway	Action Number:
Houston, TX 77024	508878
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved.	9/30/2025
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	9/30/2025
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	9/30/2025
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	9/30/2025
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	9/30/2025
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	9/30/2025