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
District IV
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	nAPP2231834930
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Colgate Operating, LLC	OGRID: 371449
Contact Name: Nikki Mishler	Contact Telephone: 432-634-8722
Contact email: Nikki.Mishler@cdevinc.com	Incident # nAPP2231834930
Contact mailing address: 500 W. Illinois Ave, Suite 500, Midland Texas 79705	

Location of Release Source

Latitude 32.616082 Longitude -104.000533

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Crazy Horse CTB	Site Type: Production Facility
Date Release Discovered: 11/14/2022	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
L	32	19S	30E	Eddy

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (*Name:*)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 200	Volume Recovered (bbls) 60
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:
The seal on a water transfer pump failed resulting in the release of produced water.
Based on the square footage of the impacted soil (15,000 sq. ft.), an estimated depth of impact approximately ranging from 0.5' to 2' of potential soil absorption, accounting for porosity and saturation % of the soils (caliche and/or sand), an estimated 200 bbls of produced water was released.

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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2231834930
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Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Volume of released fluids was greater than 25.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Email notification was sent to OCDOnline email address and Mike Bratcher on 11/12/22	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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.

Printed Name: Nikki Mishler Title: Sr. Environmental Representative

Signature: Nikki Mishler Date: 11/22/22

email: Nikki.Mishler@cdevinc.com Telephone: 432-634-8722

OCD Only

Received by: Jocelyn Harimon Date: 11/28/2022

Incident ID	NAPP2231834930
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Incident ID	NAPP2231834930
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	NA (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☑ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☑ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☑ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☑ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☑ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☑ Photographs including date and GIS information
- ☑ Topographic/Aerial maps
- ☑ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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State of New Mexico
Oil Conservation Division

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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.

Printed Name: _____ Title: _____

Signature:_____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2231834930
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

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.

Printed Name: MONTGOMERY FLOYD Title: ENV.

Signature: [signature] Date: 1-8-24

email: montgomery.floyd@permianres.com Telephone: 432 425 8321

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2231834930
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☑ Detailed description of proposed remediation technique
- ☑ Scaled sitemap with GPS coordinates showing delineation points
- ☑ Estimated volume of material to be remediated
- ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Trinity Oilfield Services & Rentals, LLC

September 5th, 2023

Oil Conservation Division, District II
811 South First Street,
Artesia, New Mexico 88210

Re: **Closure Request**
Crazy Horse CTB
Tracking #: NAPP2231834930

Trinity Oilfield Services (Trinity), on behalf of Permian Resources, hereby submits the following Closure Request in response to a release that occurred at the above-referenced location, and further described below.

Site Information	
Incident ID	NAPP2231834930
Site Name	Crazy Horse CTB
Company	Permian Resources
County	Eddy
ULSTR	L-32-19S-30E
GPS Coordinates (NAD 83)	32.616082, -104.000533
Landowner	State

RELEASE BACKGROUND

On 11/14/2022, Permian Resources reported a release at the Crazy Horse CTB. The release was caused when a seal on a water transfer pump failed. Approximately 84,442 sqft. of the Pad and Pasture was found to be damp upon initial inspection.

Release Information	
Date of Release	11/12/2022
Type of Release	Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	200 bbls
Volume Recovered – Produced Water	60 bbls
Volume Released – Crude Oil	0 bbls
Volume Recovered – Crude Oil	0 bbls
Affected Area – Damp Soil	Pad and Pasture - Approximately 84,442 sqft.
Site Location Map	Attached

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Depth to Groundwater/Wellhead Protection:

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	NA	NA	NA
USGS	NA	NA	NA
Soil Bore	NA	NA	NA

A search of the groundwater well databases maintained by the New Mexico Office of the State Engineer (NMOSE) and the United States Geological Survey (USGS) was conducted to determine if any registered groundwater wells are located within a $^{1}/_{2}$ mile of the release site. The search revealed that Zero (0) wells occurred in the databases that meet the NMOCD criteria for the age of data, the distance of the data point well from the release point, and a data point well having a diagram of construction.

General Site Characterization:

Site Assessment	
Karst Potential	High
Distance to Watercourse	> 1,000 ft.
Within 100 yr Floodplain	No
Pasture Impact	Yes

A risk-based site assessment/characterization was performed following the New Mexico Oil Conservation Division (NMOCD) Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production in New Mexico (effective August 14, 2018). To summarize the site assessment/characterization evaluation, the affected area has High potential for cave and karst, and no other receptors (residence, school, hospital, institution, church, mining, municipal, or other ordinance boundaries) were located within the regulatorily promulgated distances from the site.

Closure Criteria:

On-Site & Off-Site 4ft bgs | Recommended Remedial Action Levels (RRALs)	
Chlorides	600 mg/kg
TPH (GRO and DRO and MRO)	100 mg/kg
TPH (GRO and DRO)	NA
BTEX	50 mg/kg
Benzene	10 mg/kg

A reclamation standard of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top four feet of the pasture area if impacted by the release, per NMAC 19.15.29.13.D (1) for the top four feet of areas that will be reclaimed following remediation.

INITIAL ASSESSMENT AND REMEDIATION ACTIVITIES

Initial Sample Activities:

Delineation Summary	
Delineation Dates	12/28/2022 - 08/10/2023
Depths Sampled	0' - 6'
Delineation Map	Attached
Laboratory Results	Table 1

All soil samples were placed into laboratory-supplied glassware, labeled, and maintained on ice until delivery to an NMOCD-approved laboratory (Eurofins Laboratories of Carlsbad, NM) for the analysis of chloride using Method SM4500 Cl-B, Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA Method 8021 B and Total Petroleum Hydrocarbon (TPH) constituents the by EPA 8015M.

Confirmation Activities:

Remediation Summary	
Remediation Dates	3/28/2023 - 05/19/2023
Workplan Approval	At Risk
Liner Variance Request	None
Deferral Request	None
Depths Excavated	0.3' - 6'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqft.
Total Volume of Excavated Soil	4,454 yards
Remediation Map	Attached
Laboratory Results	Table 2

Impacted soil within the release margins was excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. Unless a Variance Request has been approved, all Floor and On-Site Walls of the excavated area were advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the RRAL NMOCD Closure Criteria listed in the Table above, and all Off-Site Walls were advanced to meet reclamation standards. Confirmation soil samples (five-point composites representing no more than 200 sqft. of the excavated area) were collected from the floor and sidewalls.

Upon receiving laboratory analytical data showing that confirmation soil samples from the excavated areas yield results below the selected NMOCD Table 1 Closure Criteria; the impacted soil was transported under manifest to an NMOCD-approved disposal facility and the excavated area was backfilled with locally sourced, non-impacted "like" material.

SITE RECLAMATION AND RESTORATION

Areas affected by the release and the associated remediation activities were restored to a condition that existed before the release to the extent practicable. The affected area was contoured and/or compacted to provide erosion control, stability, and preservation of surface water flow. Affected areas not on production pads and/or lease roads will be reseeded with a prescribed BLM, NMSLO, and/or Private Landowner requested seed mixture during the first favorable growing season following the closure of the site by the applicable regulatory agency.

REQUEST FOR CLOSURE

Supporting Documentation	
C-141| page 6	Signed and Attached
Delineation and Remediation Maps	Attached
Depth to Groundwater Maps and Source	Attached
US NWI Map	Attached
FEMA Flood Hazard Map	Attached
USDA Soil Survey	Attached
Site Photography	Attached
Laboratory Analytics with COCs	Attached

The site has been remediated to meet the standards of Table I of 19.15.29.12 NMAC; therefore, Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant closure approval for the referenced release.

Sincerely,

Dan Dunkelberg

Dan Dunkelberg
Project Manager

Cynthia Jordan

Cynthia Jordan
Project Scientist

Released to Imaging: 3/4/2024 11:19:30 AM

Received by OCD: 2/28/2024 4:14:15 PM

Table 1
Summary of Soil Analytical Data - Delineation Samples
Crazy Horse
Permian Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Delineation Samples													
H-1	12/28/2022	(0-6")	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	<4.98
H-2	12/28/2022	(0-6")	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	<4.96
H-3	12/28/2022	(0-6")	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	<4.95
H-4	12/29/2022	(0-6")	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	7.57
H-5	12/29/2022	(0-6")	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<5.04
H-6	12/30/2022	(0-6")	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	<4.99
H-7	12/30/2022	(0-6")	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	<5.03
H-8	12/30/2022	(0-6")	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	<5.04
H-9	12/30/2022	(0-6")	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	<4.99
H-10	12/30/2022	(0-6")	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	<4.98
H-11	12/30/2022	(0-6")	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	<5.00
H-12	12/30/2022	(0-6")	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	<4.95
H-13	12/30/2022	(0-6")	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	<5.02
H-14	12/29/2022	(0-6")	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<4.97
H-15	12/29/2022	(0-6")	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	<4.99
H-16	12/29/2022	(0-6")	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	<4.95
H-17	12/28/2022	(0-6")	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	47.7
H-18	12/28/2022	(0-6")	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	90.7	90.7	<49.9	90.7	4500
	5/19/2023	(1')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	114
H-19	12/28/2022	(0-6")	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	973
	5/19/2023	(1')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	66.6
S-1	12/28/2022	(0-1')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	<5.05
	12/28/2022	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	12.3
	12/28/2022	(2'-2.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	8.47
	12/28/2022	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	134
	12/28/2022	(4'-4.5')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	32.8
S-2	12/28/2022	(0-1')	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	1630
	12/28/2022	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	1150
	12/28/2022	(2'-2.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	2970
	12/28/2022	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	3590
	12/28/2022	(4'-4.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	965
	5/19/2023	(4')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	57.4
	8/10/2023	(5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.3	<50.3	<50.3	<50.3	<50.3	177

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Table 1
Summary of Soil Analytical Data - Delineation Samples
Crazy Horse
Permian Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
S-3	12/28/2022	(0-1')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	15.3
	12/28/2022	(1'-1.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	166
	12/28/2022	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	96.3
	12/28/2022	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	39.7
	12/28/2022	(4'-4.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	70.8
S-4	12/28/2022	(0-1')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	4180
	12/28/2022	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	505
	12/28/2022	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	1490
	12/28/2022	(3'-3.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	2680
	12/28/2022	(4'-4.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	2980
	8/10/2023	(5')	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.3	<50.3	<50.3	<50.3	<50.3	203
S-5	12/28/2022	(0-1')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	114
	12/28/2022	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	95.4
	12/28/2022	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	154
	12/28/2022	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	87.5
	12/28/2022	(4'-4.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	75.9
S-6	12/28/2022	(0-1')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	4040
	12/28/2022	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	360
	12/28/2022	(2'-2.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	381
	12/28/2022	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	275
	12/28/2022	(4'-4.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	122
S-7	12/29/2022	(0-1')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	<4.96
	12/29/2022	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	30.0
	12/29/2022	(2'-2.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	258
	12/29/2022	(3'-3.5')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	204
	12/29/2022	(4'-4.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	223
S-8	12/29/2022	(0-1')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	<4.98
	12/29/2022	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	7.71
	12/29/2022	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	53.9
	12/29/2022	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	84.3
	12/29/2022	(4'-4.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	69.5

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Table 1
Summary of Soil Analytical Data - Delineation Samples
Crazy Horse
Permian Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
S-9	12/29/2022	(0-1')	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	7370
	12/29/2022	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	25000
	12/29/2022	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	3090
	5/19/2023	(6')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	58.7
S-10	12/29/2022	(0-1')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	24.0
	12/29/2022	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	37.5
	12/29/2022	(2'-2.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	16.9
	12/29/2022	(3'-3.5')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	20.8
	12/29/2022	(4'-4.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	15.7
S-11	12/29/2022	(0-1')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	36.3
	12/29/2022	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	169
	12/29/2022	(2'-2.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	145
	12/29/2022	(3'-3.5')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	143
	12/29/2022	(4'-4.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	115
S-12	12/29/2022	(0-1')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	<4.98
	12/29/2022	(1'-1.5')	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	57.6
	12/29/2022	(2'-2.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	178
	12/29/2022	(3'-3.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	177
	12/29/2022	(4'-4.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	259
S-13	12/29/2022	(0-1')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	102
	12/29/2022	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	7340
	12/29/2022	(2'-2.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	1970
	12/29/2022	(3'-3.5')	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	509
	12/29/2022	(4'-4.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	766
	5/19/2023	(6')	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	62.9
S-14	12/30/2022	(0-1')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<4.98
	12/30/2022	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	182
	12/30/2022	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	201
	12/30/2022	(3'-3.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	178
	12/30/2022	(4'-4.5')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	161
S-15	12/30/2022	(0-1')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	15.0
	12/30/2022	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	<5.04
	12/30/2022	(2'-2.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	12.7
	12/30/2022	(3'-3.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	16.6

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Crazy Horse
Permian Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
S-16	12/30/2022	(0-1')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	<4.96
	12/30/2022	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	<5.04
S-17	12/30/2022	(0-1')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	35.3
	12/30/2022	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	3080
	12/30/2022	(2'-2.5')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	4620
	12/30/2022	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	1210
	12/30/2022	(4'-4.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	187
S-18	12/30/2022	(0-1')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	1590
	12/30/2022	(1'-1.5')	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	3270
	12/30/2022	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	6940
	12/30/2022	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	549

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TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

PERMIAN RESOURCES
CRAZY HORSE CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2231834930

TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
Remediation Floors														
CF-001.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	62.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-002.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	76.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-003.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	75.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-004.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	52.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-005.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	54.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-006.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	76.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-007.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	81.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-008.0-04.0-P	4	3/30/2023	Floor	Off-Site	Composite	In-Situ	33.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-009.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	39.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-010.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	60.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-011.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	99.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-012.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	50.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-013.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	34.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-014.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	78.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-015.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	43.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-016.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	74.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-017.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	50.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-018.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	43.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-019.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	91.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-020.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	46.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-021.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	38.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-022.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	62.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-023.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	45.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-024.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	68.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-025.0-04.0-P	4	3/28/2023	Floor	Off-Site	Composite	In-Situ	37.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-026.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	93.1	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-027.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	37.1	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-028.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	47.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-029.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	54.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-030.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	56.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-031.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	95.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-032.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	183	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-033.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	168	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-034.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	94.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-035.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	84.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-036.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	66.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-037.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	31.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

PERMIAN RESOURCES
CRAZY HORSE CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2231834930

TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CF-038.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	109	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-039.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	68.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-040.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	217	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-041.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	66.1	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-042.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	65.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-043.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	86.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-044.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-045.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	107	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-046.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-047.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	63.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-048.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	101	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-049.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	120	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-050.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	342	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-051.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	371	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-052.0-06.0-P	6	3/28/2023	Floor	Off-Site	Composite	In-Situ	136	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-053.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	104	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-054.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	98.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-055.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	325	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-056.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	223	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-057.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	214	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-058.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	57.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-059.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	125	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-060.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	60.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-061.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	48.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-062.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	65.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-063.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	54.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-064.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	37	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-065.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	168	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-066.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	191	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-067.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	74	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-068.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	141	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-069.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	36.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-070.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	171	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-071.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	170	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-072.0-00.3-P	0.3	3/28/2023	Floor	Off-Site	Composite	In-Situ	212	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-073.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	56.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-074.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-075.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	154	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

PERMIAN RESOURCES
CRAZY HORSE CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2231834930

TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CF-076.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	131	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-077.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	137	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-078.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	115	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-079.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	92	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-080.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	133	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-081.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	129	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-082.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	149	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-083.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	127	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-084.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	123	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-085.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	119	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-086.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	86.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-087.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-088.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	125	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-089.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	132	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-090.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	123	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-091.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	125	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-092.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	58.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-093.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	105	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-094.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	119	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-095.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	130	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-096.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	129	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-097.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	158	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-098.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	105	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-099.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	95	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-100.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	146	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-101.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	167	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-102.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	150	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-103.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	169	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-104.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	210	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-105.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	139	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-106.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	137	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-107.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	100	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-108.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	123	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-109.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	110	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-110.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	124	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-111.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	145	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-112.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	101	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-113.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	146	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

PERMIAN RESOURCES
CRAZY HORSE CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2231834930

TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CF-114.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	119	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-115.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	122	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-116.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	135	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-117.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	131	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-118.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	75.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-119.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	115	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-120.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	141	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-121.0-04.0-P	4	3/29/2023	Floor	Off-Site	Composite	In-Situ	146	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-122.0-04.0-P	4	3/29/2023	Floor	Off-Site	Composite	In-Situ	135	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-123.0-04.0-P	4	3/29/2023	Floor	Off-Site	Composite	In-Situ	166	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-124.0-04.0-P	4	3/29/2023	Floor	Off-Site	Composite	In-Situ	129	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-125.0-04.0-P	4	3/29/2023	Floor	Off-Site	Composite	In-Situ	116	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-126.0-04.0-P	4	3/29/2023	Floor	Off-Site	Composite	In-Situ	102	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-127.0-04.0-P	4	3/29/2023	Floor	Off-Site	Composite	In-Situ	182	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-128.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	126	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-129.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-130.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	65.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-131.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	136	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-132.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	133	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-133.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	103	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-134.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	153	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-135.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	114	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-136.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	118	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-137.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	117	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-138.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	134	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-139.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-140.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	171	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-141.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	95.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-142.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	122	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-143.0-06.0-P	6	3/29/2023	Floor	Off-Site	Composite	In-Situ	115	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-144.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	114	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-145.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	97.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-146.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	105	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-147.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	100	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-148.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	104	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-149.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	131	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-150.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	99	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-151.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	124	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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PERMIAN RESOURCES
CRAZY HORSE CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2231834930

TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CF-152.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	110	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-153.0-00.3-P	0.3	3/29/2023	Floor	Off-Site	Composite	In-Situ	134	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-154.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	88.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-155.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	85	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-156.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	95.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-157.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	108	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-158.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	103	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-159.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	127	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-160.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	111	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-161.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	103	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-162.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	99.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-163.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	110	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-164.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	87.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-165.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	116	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-166.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	106	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-167.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	79.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-168.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	91.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-169.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	56.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-170.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	34.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-171.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	45.1	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-172.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	31.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-173.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	29.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-174.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	42.5	56.1	56.1	<10.0	56.1	<10.0	<.300	<0.50
CF-175.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	90.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-176.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	46.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-177.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	33.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-178.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	30.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-179.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	41.1	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-180.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	40.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-181.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	38.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-182.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	38.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-183.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	48.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-184.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	41.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-185.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	33.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-186.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	49.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-187.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	54	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-188.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	55.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-189.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	33.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2231834930

TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CF-190.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	32.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-191.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	18.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-192.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	36.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-193.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	35.4	62.4	62.4	62.4	<10.0	<10.0	<.300	<0.50
CF-194.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	38.6	58	58	58	<10.0	<10.0	<.300	<0.50
CF-195.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	27.7	51	51	51	<10.0	<10.0	<.300	<0.50
CF-196.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	32.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-197.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	31.1	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-198.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	24.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-199.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	38.4	51	51	51	<10.0	<10.0	<.300	<0.50
CF-200.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	39.9	59.1	59.1	59.1	<10.0	<10.0	<.300	<0.50
CF-201.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	31.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-202.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	35.1	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-203.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	37.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-204.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	29.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-205.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	99	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-206.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	30.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-207.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	32.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-208.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	47.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-209.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	35.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-210.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	53.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-211.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	33.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-212.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	36.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-213.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	38.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-214.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	36.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-215.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	36.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-216.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	32.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-217.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	26.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-218.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	35.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-219.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	38.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-220.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	51.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-221.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	37.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-222.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	35.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-223.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	49.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-224.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	35.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-225.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	50	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-226.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	93.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-227.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	34.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

PERMIAN RESOURCES
CRAZY HORSE CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2231834930

TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CF-228.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	50	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-229.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	35.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-230.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	34.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-231.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	20.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-232.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	39.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-233.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	37.1	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-234.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	40.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-235.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	29.1	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-236.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	34.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-237.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	32.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-238.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	26	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-239.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	40.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-240.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	41.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-241.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	32.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-242.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	36.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-243.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	39.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-244.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	31	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-245.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	104	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-246.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	31.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-247.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	33.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-248.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	49.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-249.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	32.1	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-250.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	34.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-251.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	48.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-252.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	57.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-253.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	38.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-254.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	53	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-255.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	48.1	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-256.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	74.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-257.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	53.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-258.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	40.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-259.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	50	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-260.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	35.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-261.0-00.3-P	0.3	3/30/2023	Floor	Off-Site	Composite	In-Situ	34.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-261.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	207	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-262.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	202	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-263.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	Excavated	721	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-263.0-00.5-P	0.5	5/19/2023	Floor	Off-Site	Composite	In-Situ	42.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

PERMIAN RESOURCES
CRAZY HORSE CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2231834930

TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CF-264.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	148	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-265.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	104	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-266.0-00.3-P	0.3	4/6/2023	Floor	Off-Site	Composite	Excavated	1220	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-266.0-01.0-P	1	5/19/2023	Floor	Off-Site	Composite	In-Situ	40.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-267.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	124	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-268.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	212	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-269.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	232	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-270.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	256	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-271.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	246	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-272.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	149	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-273.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	158	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-274.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	140	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-275.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	139	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-276.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	186	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-277.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	83.1	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-278.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	208	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-279.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	155	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-280.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	158	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-281.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	122	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-282.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	152	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-283.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	217	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-284.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	41.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-285.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	124	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-286.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	194	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-287.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	157	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-288.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	165	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-289.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	208	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-290.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	181	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-291.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	192	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-292.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	164	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-293.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	191	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-294.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	147	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-295.0-00.3-P	0.3	4/3/2023	Floor	Off-Site	Composite	In-Situ	182	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-296.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	191	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-297.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	205	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-298.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	182	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-299.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	158	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-300.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	127	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

PERMIAN RESOURCES
CRAZY HORSE CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2231834930

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CF-301.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	170	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-302.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	119	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-303.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	118	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-304.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	132	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-305.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	215	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-306.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	271	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-307.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	161	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-308.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	275	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-309.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	225	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-310.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	125	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-311.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-312.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	104	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-313.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	301	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-314.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	69.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-315.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-316.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	96.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-317.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	82.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-318.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	98.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-319.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	84.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-320.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	79.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-321.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	67.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-322.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	142	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-323.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	72.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-324.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	102	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-325.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	91.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-326.0-00.3-S	0.3	4/3/2023	Floor	On-Site	Composite	In-Situ	141	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-327.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	68.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-328.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	85	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-329.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	74.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-330.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	106	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-331.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	96.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-332.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	134	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-333.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	119	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-334.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	166	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-335.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-336.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	92.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-337.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	85.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-338.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	85.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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PERMIAN RESOURCES
CRAZY HORSE CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2231834930

TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CF-339.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	73.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-340.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	71.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-341.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	90.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-342.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	284	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-343.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	67.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-344.0-04.0-P	4	4/3/2023	Floor	Off-Site	Composite	In-Situ	75.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-345.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	85.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-346.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	471	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-347.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	75.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-348.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	64.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-349.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	319	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-350.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	127	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-351.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	76.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-352.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	131	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-353.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	74	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-354.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	117	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-355.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	146	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-356.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	146	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-357.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	145	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-358.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	107	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-359.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	117	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-360.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	116	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-361.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	83	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-362.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	124	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-363.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	200	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-364.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	87.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-365.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	134	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-366.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	115	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-367.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	215	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-368.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	97.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-369.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	134	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-370.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	68.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-371.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	104	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-372.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	79.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-373.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	75.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-374.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	89.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-375.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	86.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-376.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	176	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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PERMIAN RESOURCES
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TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CF-377.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	81.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-378.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	65.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-379.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	84.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-380.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	107	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-381.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	66.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-382.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	86.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-383.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	96.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-384.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	90.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-385.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	69.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-386.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	82.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-387.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	103	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-388.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	92.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-389.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	141	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-390.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	239	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-391.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	122	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-392.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	74	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-393.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	87.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-394.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	87.5	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-395.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	186	86.5	86.5	<10.0	86.5	<10.0	<.300	<0.50
CF-396.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	111	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-397.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	146	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-398.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	156	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-399.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	125	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-400.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-401.0-04.0-S	4	4/6/2023	Floor	On-Site	Composite	In-Situ	242	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-402.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	85.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-403.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	61.4	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-404.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	67.9	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-405.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	85	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-406.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	138	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-407.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	117	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-408.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	154	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-409.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	195	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-410.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	288	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-411.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	519	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-412.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	79.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-413.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	153	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-414.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	118	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

PERMIAN RESOURCES
CRAZY HORSE CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2231834930

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CF-415.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	106	65.7	65.7	<10.0	65.7	<10.0	<.300	<0.50
CF-416.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	99.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-417.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	97.6	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-418.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	54.8	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-419.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	416	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-420.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	127	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-421.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	126	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-422.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	125	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-423.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	153	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-424.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	179	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-425.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	86.2	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-426.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	186	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-427.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	215	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-428.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	198	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-429.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	93.3	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-430.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	149	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-431.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	120	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-432.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	246	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-433.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	209	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-434.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	101	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-435.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	205	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-436.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	133	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-437.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	161	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-438.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	95.7	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-439.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	110	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-440.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-441.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	108	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-442.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	90.1	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-443.0-00.3-S	0.3	4/6/2023	Floor	On-Site	Composite	In-Situ	155	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
Remediation Walls														
CW-001.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	250	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-002.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	201	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-003.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	222	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-004.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	202	51.6	<10.0	<10.0	<10.0	51.6	<.300	<0.50
CW-005.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	182	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-006.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	220	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-007.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-008.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	161	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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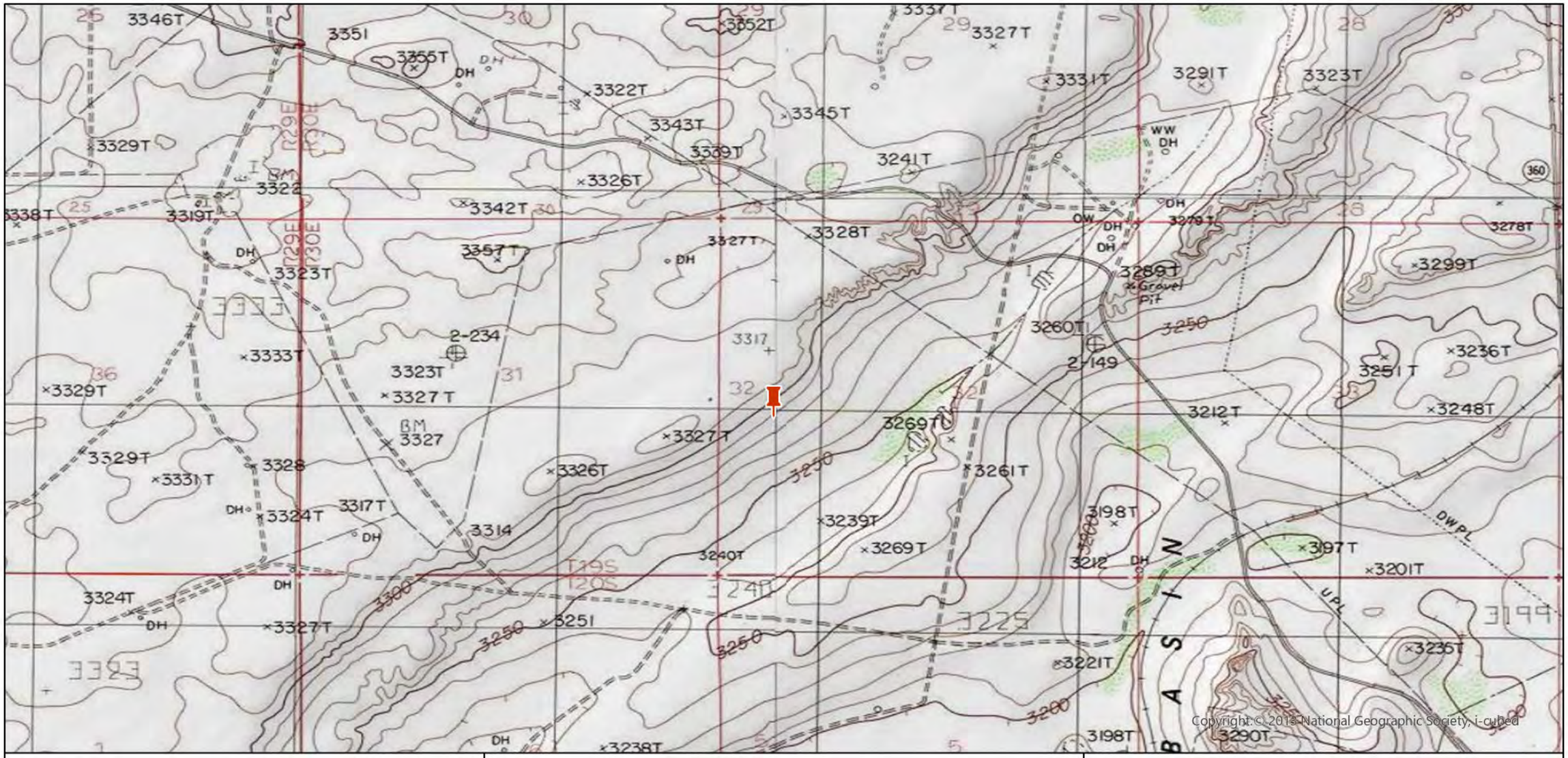
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TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

PERMIAN RESOURCES
CRAZY HORSE CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2231834930

TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CW-009.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	347	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-010.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	153	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-011.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	186	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-012.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	168	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-013.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	132	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-014.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	161	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-015.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	155	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-016.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	170	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-017.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	213	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-018.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	171	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-019.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	170	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-020.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	159	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-021.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	208	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-022.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	158	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-023.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	194	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-024.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	163	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-025.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	195	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-026.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	198	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-027.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	284	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-028.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	168	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-029.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	173	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-030.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	193	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-031.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	213	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-032.0-02.0-P	2	4/3/2023	Wall	Off-Site	Composite	In-Situ	178	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-033.0-02.0-S	2	4/6/2023	Wall	On-Site	Composite	In-Situ	101	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-034.0-02.0-S	2	4/6/2023	Wall	On-Site	Composite	In-Situ	141	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-035.0-02.0-S	2	4/6/2023	Wall	On-Site	Composite	In-Situ	146	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50



Legend:

Site Location

Site Location Map
Permian Resources
Crazy Horse CTB
Eddy County, New Mexico
32.616082, -104.000533
NMOCD Reference # NAPP2231834930

0 0.25 0.5 1 Miles

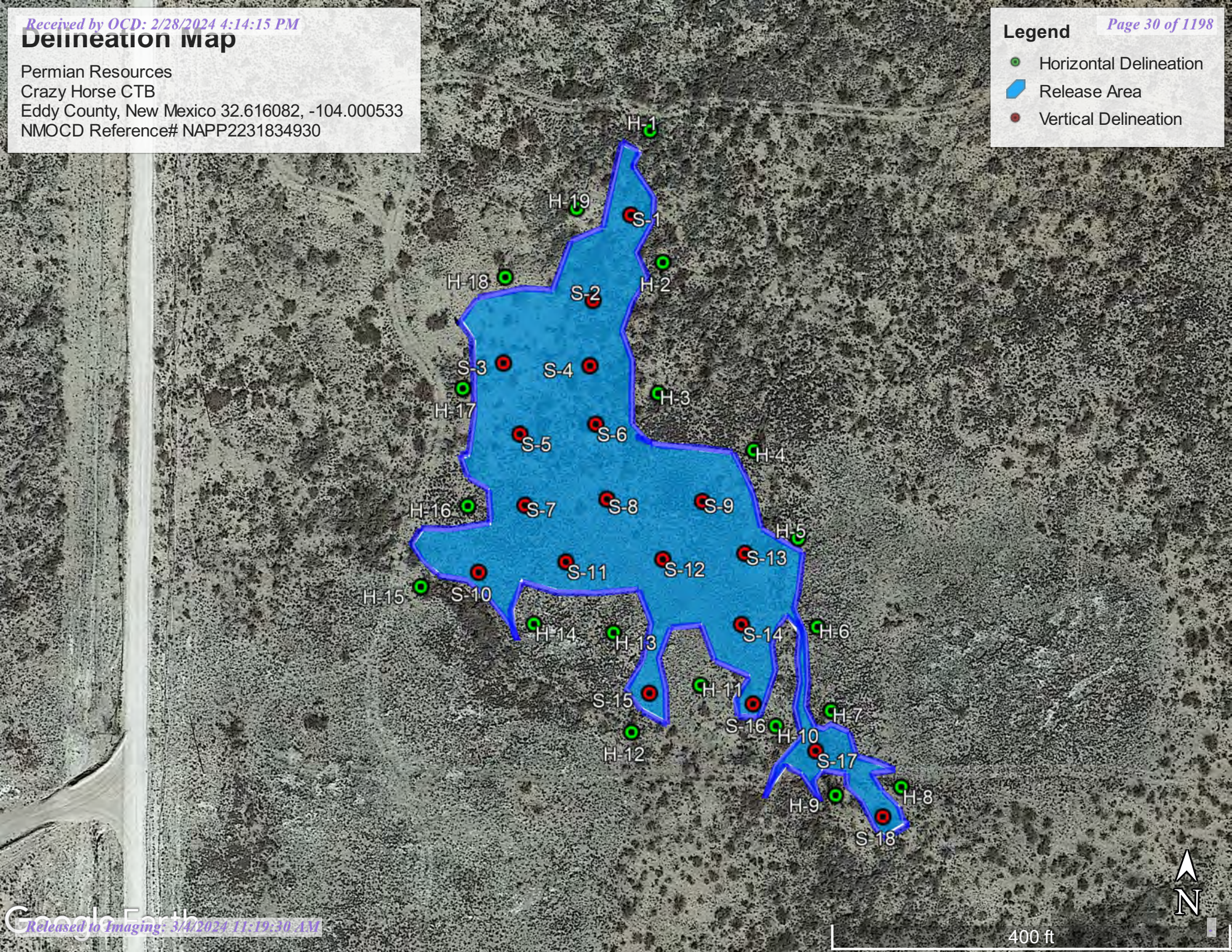
N

TRINITY OILFIELD SERVICES

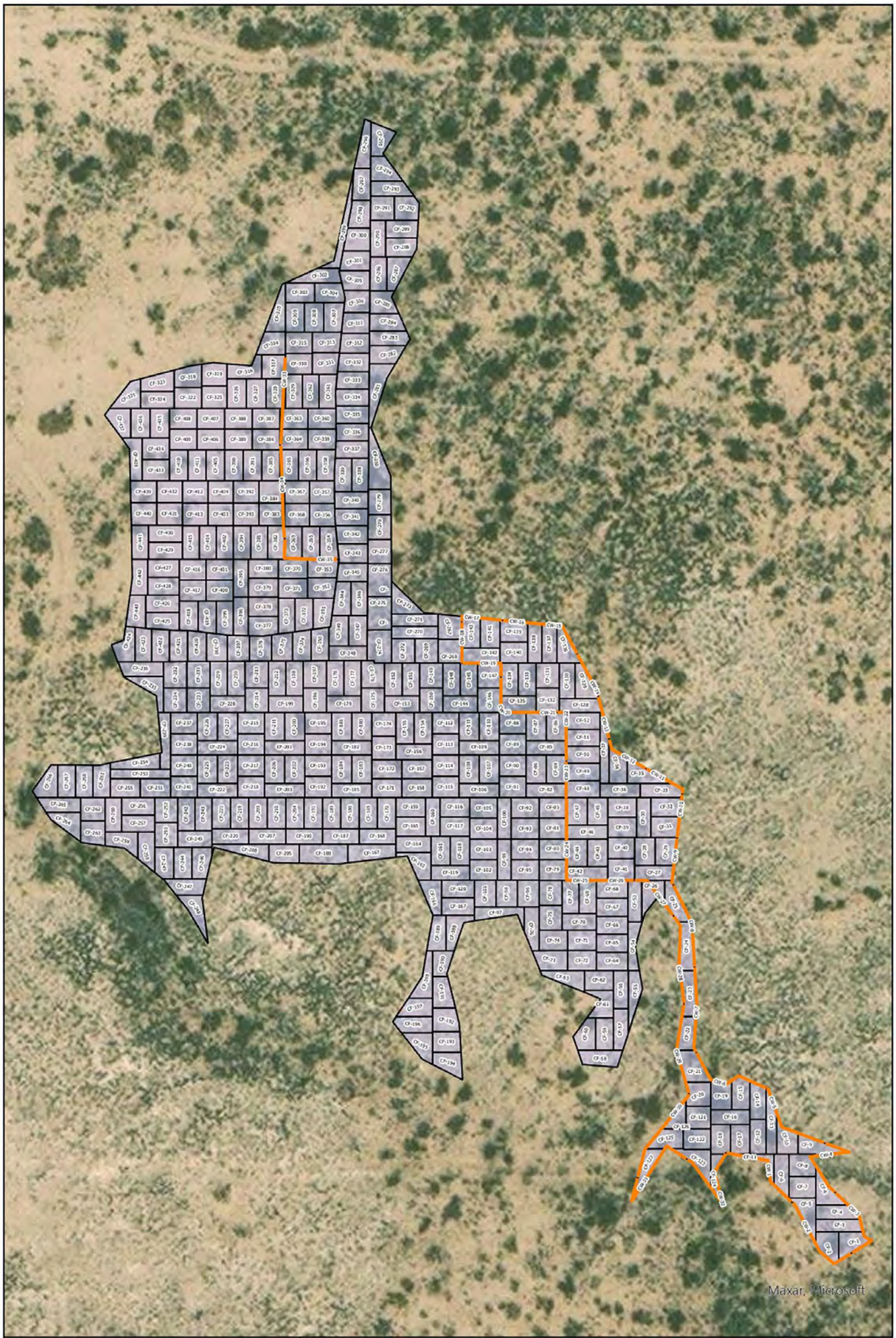
Received by OCD: 2/28/2024 4:14:15 PM

Delineation Map

Permian Resources
Crazy Horse CTB
Eddy County, New Mexico 32.616082, -104.000533
NMOCD Reference# NAPP2231834930



Released to Imaging: 3/4/2024 11:19:30 AM



Legend:

- Remediation Wall
- Remediation Floor
- Excavation Area

Remediation Map
Permian Resources
Crazy Horse CTB
Eddy County, New Mexico
32.616082, -104.000533
NMOCD Reference #
NAPP2231834930

0 35 70 140 Feet

TRINITY OILFIELD SERVICES

N

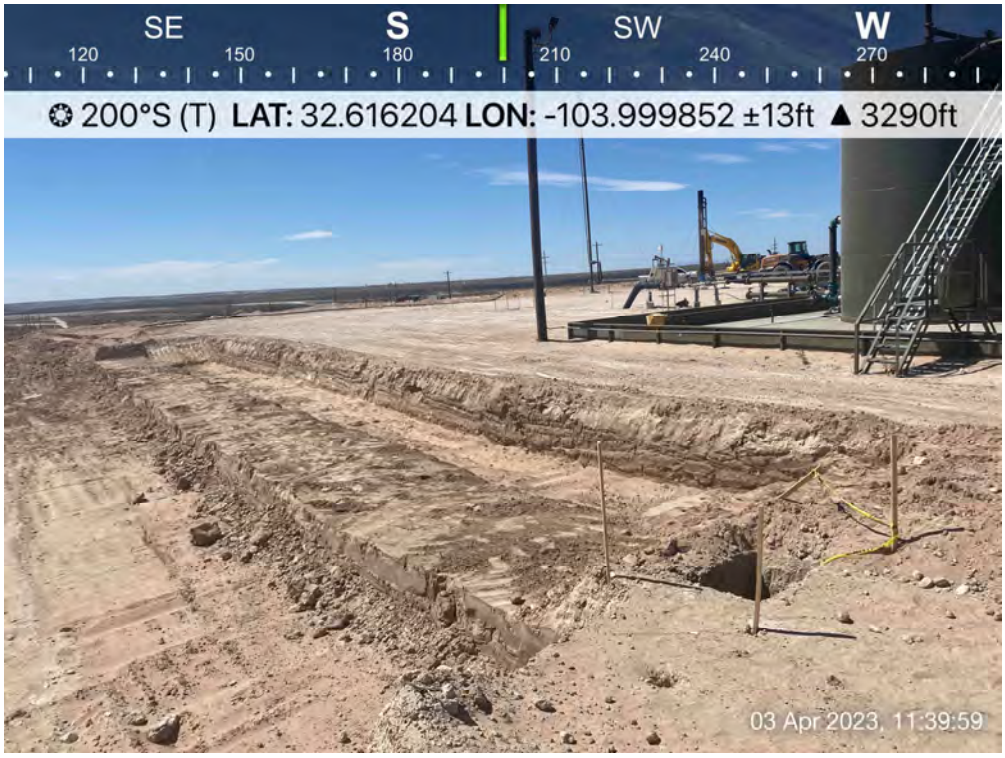
TRINITY
OILFIELD SERVICES

Excavation

Pad:



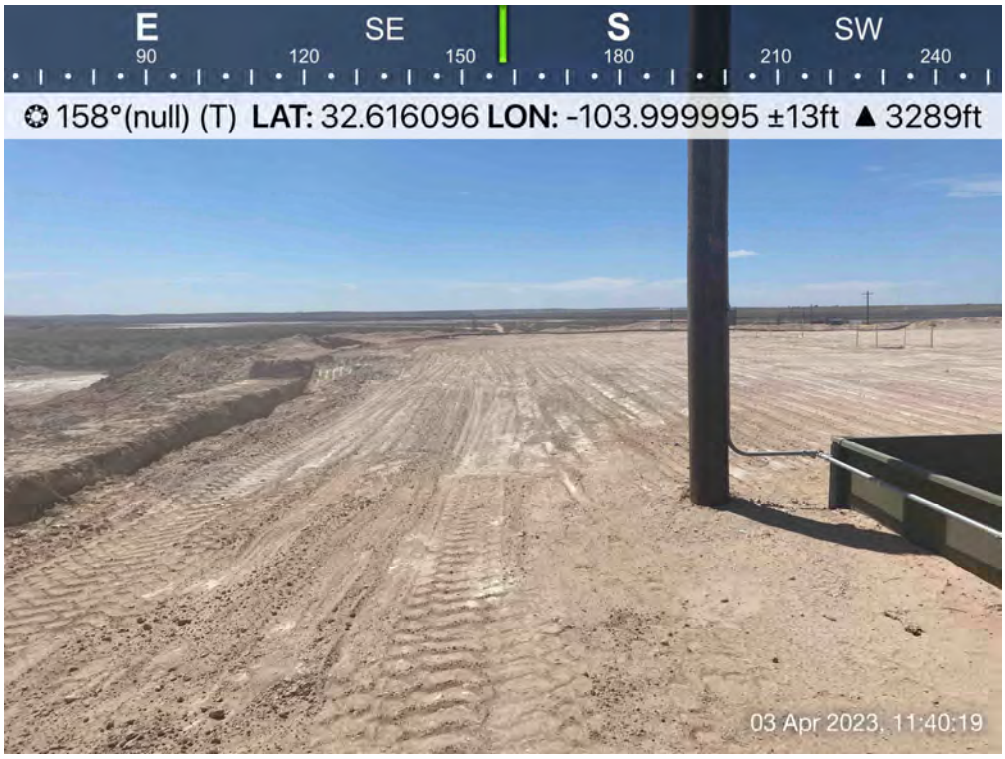
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TRINITY
OILFIELD SERVICES

Excavation

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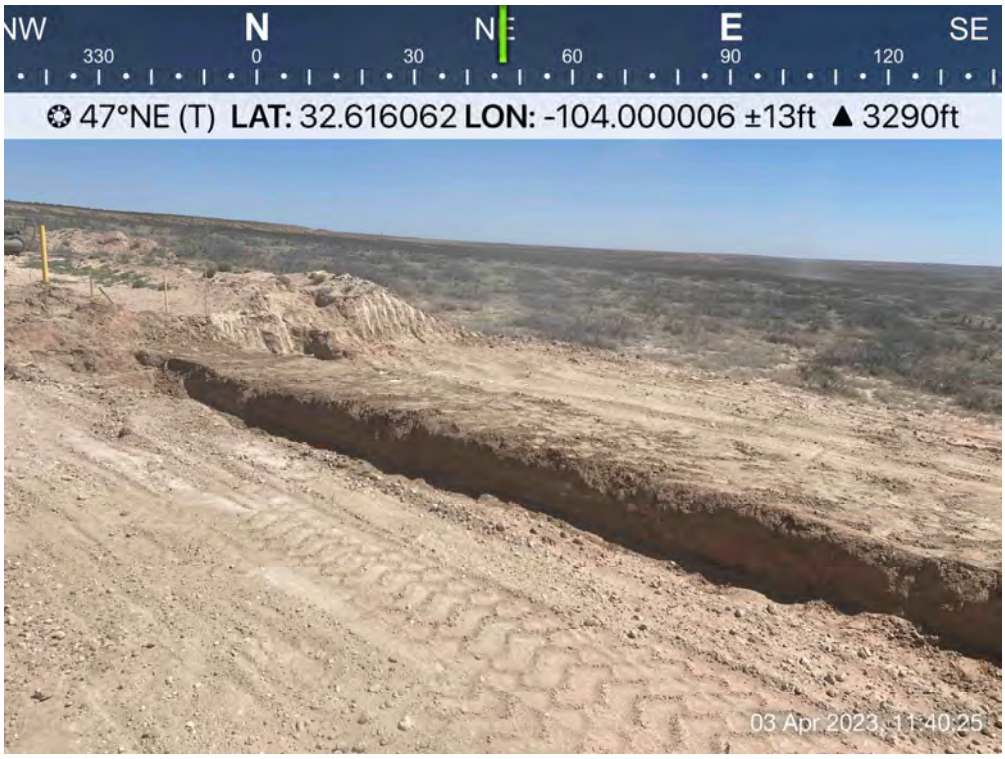
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OILFIELD SERVICES

Excavation

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Excavation

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Excavation

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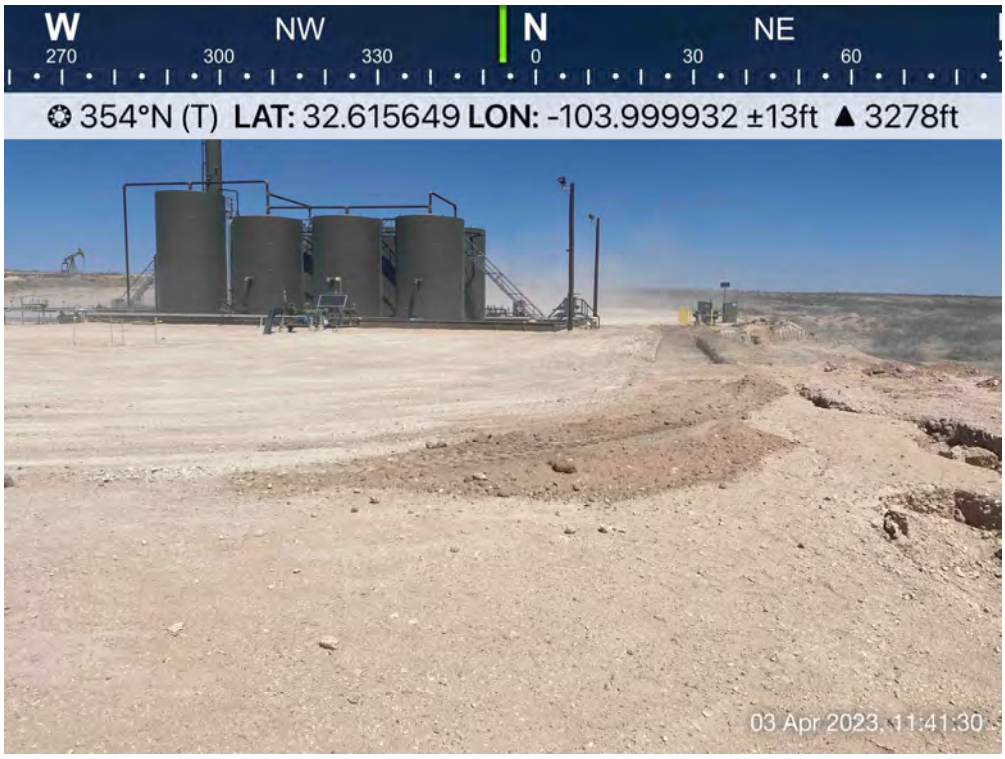
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TRINITY
OILFIELD SERVICES

Excavation

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Pad:



TRINITY
OILFIELD SERVICES

Excavation

Pasture:



Pasture:



TRINITY
OILFIELD SERVICES

Excavation

Pasture:



Pasture:



TRINITY
OILFIELD SERVICES

Excavation

Pasture:



Pasture:



TRINITY
OILFIELD SERVICES

Excavation

Pasture:



Pasture:



TRINITY
OILFIELD SERVICES

Excavation

Pasture:



Pasture:



TRINITY
OILFIELD SERVICES

Excavation

Pasture:



Pasture:



TRINITY
OILFIELD SERVICES

Excavation

Pasture:



Pasture:



TRINITY
OILFIELD SERVICES

Excavation

Pasture:



Pasture:



TRINITY
OILFIELD SERVICES

Excavation

Pasture:



Pasture:



TRINITY
OILFIELD SERVICES

Excavation

Pasture:



Pasture:



TRINITY
OILFIELD SERVICES

Excavation

Pasture:



Pasture:



Excavation

Pasture:



Pasture:



NAPP2231834930 | CRAZY HORSE CTB



4/21/2023, 1:22:34 PM

GIS WATERS PODs

Active

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Web Generated Map

Map is generated by web users.

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U.S. Fish and Wildlife Service
National Wetlands Inventory

NAPP2231834930 | CRAZY HORSE CTB



April 21, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Released to Imaging: 3/4/2024 11:19:30 AM

Received by OCD: 2/28/2024 4:14:15 PM

National Flood Hazard Layer FIRMette

FEMA

104°0'21"W 32°37'13"N



103°59'43"W 32°36'43"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

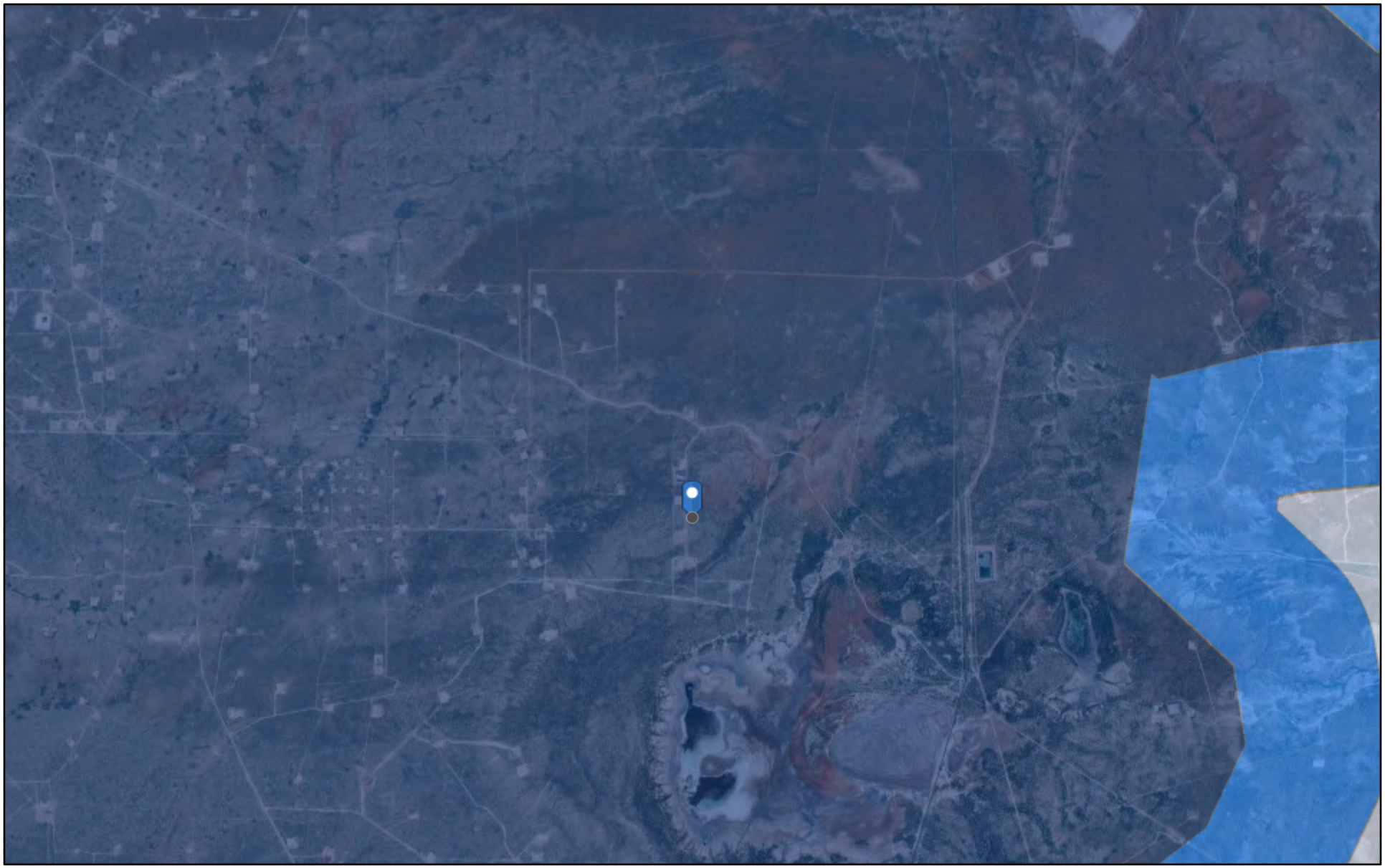
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/21/2023 at 2:57 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

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NAPP2231834930 | CRAZY HORSE CTB



4/21/2023, 1:28:33 PM

Karst Occurrence Potential

High

Medium

Low

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

BLM, OCD, New Mexico Tech, Earthstar Geographics

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

Soil Map—Eddy Area, New Mexico
(NAPP2231834930 | CRAZY HORSE CTB)



Map Scale: 1:2,510 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 35 70 140 210

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Received by OCD: 2/28/2024 4:14:15 PM

Soil Map—Eddy Area, New Mexico
(NAPP2231834930 | CRAZY HORSE CTB)

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 18, Sep 8, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

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Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
GA	Gypsum land	5.0	15.9%
LA	Largo loam, 1 to 5 percent slopes	13.9	44.2%
RG	Reeves-Gypsum land complex, 0 to 3 percent slopes	10.6	33.7%
RO	Rock land	1.9	6.1%
Totals for Area of Interest		**31.4**	**100.0%**

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eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Dan Dunkelberg
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, New Mexico 88241

Generated 5/26/2023 4:41:18 PM

JOB DESCRIPTION

7520 Crazy Horse CTB
SDG NUMBER Eddy Co., NM

JOB NUMBER

880-28738-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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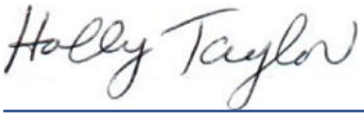
Eurofins Midland

Job Notes

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

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

Authorization



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5/26/2023 4:41:18 PM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Table of Contents

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Definitions/Glossary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28738-1
SDG: Eddy Co., NM

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28738-1
SDG: Eddy Co., NM

Job ID: 880-28738-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-28738-1

Receipt
The samples were received on 5/24/2023 11:00 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 5.6°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CF-263.0-00.5-P (880-28738-1) and CF-266.0-01.-P (880-28738-2).

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-53970/5-A). 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.

GC Semi VOA
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-54080 and analytical batch 880-54026 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CF-263.0-00.5-P (880-28738-1) and CF-266.0-01.-P (880-28738-2). 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.

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

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28738-1
SDG: Eddy Co., NM

Client Sample ID: CF-263.0-00.5-P

Lab Sample ID: 880-28738-1
Matrix: Solid
Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/24/23 13:23	05/25/23 18:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/24/23 13:23	05/25/23 18:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/24/23 13:23	05/25/23 18:24	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		05/24/23 13:23	05/25/23 18:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/24/23 13:23	05/25/23 18:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/24/23 13:23	05/25/23 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*05/24/23 13:23*	*05/25/23 18:24*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*05/24/23 13:23*	*05/25/23 18:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/26/23 17:23	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/25/23 11:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/24/23 12:56	05/25/23 07:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/24/23 12:56	05/25/23 07:40	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/24/23 12:56	05/25/23 07:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*141*	*S1+*	*70 - 130*	*05/24/23 12:56*	*05/25/23 07:40*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*05/24/23 12:56*	*05/25/23 07:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.4**		4.96		mg/Kg			05/25/23 17:23	1

Client Sample ID: CF-266.0-01.-P

Lab Sample ID: 880-28738-2
Matrix: Solid
Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/24/23 13:23	05/25/23 18:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/24/23 13:23	05/25/23 18:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/24/23 13:23	05/25/23 18:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/24/23 13:23	05/25/23 18:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/24/23 13:23	05/25/23 18:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/24/23 13:23	05/25/23 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*05/24/23 13:23*	*05/25/23 18:44*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*05/24/23 13:23*	*05/25/23 18:44*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28738-1
SDG: Eddy Co., NM

Client Sample ID: CF-266.0-01.-P
Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

Lab Sample ID: 880-28738-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/26/23 17:23	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/25/23 11:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/24/23 12:56	05/25/23 08:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/24/23 12:56	05/25/23 08:01	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/24/23 12:56	05/25/23 08:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*139*	*S1+*	*70 - 130*	*05/24/23 12:56*	*05/25/23 08:01*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*05/24/23 12:56*	*05/25/23 08:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.2**		4.99		mg/Kg			05/25/23 17:40	1

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28738-1
SDG: Eddy Co., NM

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)
880-28738-1	CF-263.0-00.5-P	97	85
880-28738-2	CF-266.0-01.-P	90	91
LCS 880-53970/1-A	Lab Control Sample	107	91
LCSD 880-53970/2-A	Lab Control Sample Dup	117	99
MB 880-53970/5-A	Method Blank	69 S1-	80

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-28738-1	CF-263.0-00.5-P	141 S1+	111
880-28738-2	CF-266.0-01.-P	139 S1+	106
LCS 880-54080/2-A	Lab Control Sample	103	79
LCSD 880-54080/3-A	Lab Control Sample Dup	103	79
MB 880-54080/1-A	Method Blank	170 S1+	138 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28738-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-53970/5-A
Matrix: Solid
Analysis Batch: 54128

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 53970

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/23/23 11:11	05/25/23 11:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/23/23 11:11	05/25/23 11:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/23/23 11:11	05/25/23 11:11	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/23/23 11:11	05/25/23 11:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/23/23 11:11	05/25/23 11:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/23/23 11:11	05/25/23 11:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*05/23/23 11:11*	*05/25/23 11:11*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*05/23/23 11:11*	*05/25/23 11:11*	*1*

Lab Sample ID: LCS 880-53970/1-A
Matrix: Solid
Analysis Batch: 54128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 53970

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1073		mg/Kg		107	70 - 130		
Toluene			0.100	0.09785		mg/Kg		98	70 - 130		
Ethylbenzene			0.100	0.1007		mg/Kg		101	70 - 130		
m,p-Xylenes			0.200	0.2080		mg/Kg		104	70 - 130		
o-Xylene			0.100	0.1051		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-53970/2-A
Matrix: Solid
Analysis Batch: 54128

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 53970

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1172		mg/Kg		117	70 - 130	9	35
Toluene			0.100	0.1015		mg/Kg		101	70 - 130	4	35
Ethylbenzene			0.100	0.1084		mg/Kg		108	70 - 130	7	35
m,p-Xylenes			0.200	0.2291		mg/Kg		115	70 - 130	10	35
o-Xylene			0.100	0.1165		mg/Kg		117	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28738-1
SDG: Eddy Co., NM

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

Lab Sample ID: MB 880-54080/1-A
Matrix: Solid
Analysis Batch: 54026

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 54080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/24/23 12:56	05/24/23 20:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/24/23 12:56	05/24/23 20:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/24/23 12:56	05/24/23 20:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*170*	*S1+*	*70 - 130*	*05/24/23 12:56*	*05/24/23 20:56*	*1*
o-Terphenyl (Surr)	*138*	*S1+*	*70 - 130*	*05/24/23 12:56*	*05/24/23 20:56*	*1*

Lab Sample ID: LCS 880-54080/2-A
Matrix: Solid
Analysis Batch: 54026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 54080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	916.4		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	954.6		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*103*		*70 - 130*
o-Terphenyl (Surr)	*79*		*70 - 130*

Lab Sample ID: LCSD 880-54080/3-A
Matrix: Solid
Analysis Batch: 54026

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 54080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	853.2		mg/Kg		85	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	878.9		mg/Kg		88	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*103*		*70 - 130*
o-Terphenyl (Surr)	*79*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-54090/1-A
Matrix: Solid
Analysis Batch: 54109

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/25/23 17:07	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28738-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-54090/2-A
Matrix: Solid
Analysis Batch: 54109

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	248.8		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-54090/3-A
Matrix: Solid
Analysis Batch: 54109

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	250.3		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-28738-1 MS
Matrix: Solid
Analysis Batch: 54109

Client Sample ID: CF-263.0-00.5-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	42.4		248	301.2		mg/Kg		104	90 - 110		

Lab Sample ID: 880-28738-1 MSD
Matrix: Solid
Analysis Batch: 54109

Client Sample ID: CF-263.0-00.5-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	42.4		248	297.0		mg/Kg		103	90 - 110	1	20

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28738-1
SDG: Eddy Co., NM

GC VOA

Prep Batch: 53970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28738-1	CF-263.0-00.5-P	Total/NA	Solid	5035	
880-28738-2	CF-266.0-01.-P	Total/NA	Solid	5035	
MB 880-53970/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-53970/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-53970/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 54128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28738-1	CF-263.0-00.5-P	Total/NA	Solid	8021B	53970
880-28738-2	CF-266.0-01.-P	Total/NA	Solid	8021B	53970
MB 880-53970/5-A	Method Blank	Total/NA	Solid	8021B	53970
LCS 880-53970/1-A	Lab Control Sample	Total/NA	Solid	8021B	53970
LCSD 880-53970/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	53970

Analysis Batch: 54283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28738-1	CF-263.0-00.5-P	Total/NA	Solid	Total BTEX	
880-28738-2	CF-266.0-01.-P	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 54026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28738-1	CF-263.0-00.5-P	Total/NA	Solid	8015B NM	54080
880-28738-2	CF-266.0-01.-P	Total/NA	Solid	8015B NM	54080
MB 880-54080/1-A	Method Blank	Total/NA	Solid	8015B NM	54080
LCS 880-54080/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	54080
LCSD 880-54080/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	54080

Prep Batch: 54080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28738-1	CF-263.0-00.5-P	Total/NA	Solid	8015NM Prep	
880-28738-2	CF-266.0-01.-P	Total/NA	Solid	8015NM Prep	
MB 880-54080/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-54080/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-54080/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 54166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28738-1	CF-263.0-00.5-P	Total/NA	Solid	8015 NM	
880-28738-2	CF-266.0-01.-P	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 54090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28738-1	CF-263.0-00.5-P	Soluble	Solid	DI Leach	
880-28738-2	CF-266.0-01.-P	Soluble	Solid	DI Leach	
MB 880-54090/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-54090/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-54090/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-28738-1 MS	CF-263.0-00.5-P	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28738-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Leach Batch: 54090 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28738-1 MSD	CF-263.0-00.5-P	Soluble	Solid	DI Leach	

Analysis Batch: 54109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28738-1	CF-263.0-00.5-P	Soluble	Solid	300.0	54090
880-28738-2	CF-266.0-01.-P	Soluble	Solid	300.0	54090
MB 880-54090/1-A	Method Blank	Soluble	Solid	300.0	54090
LCS 880-54090/2-A	Lab Control Sample	Soluble	Solid	300.0	54090
LCSD 880-54090/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	54090
880-28738-1 MS	CF-263.0-00.5-P	Soluble	Solid	300.0	54090
880-28738-1 MSD	CF-263.0-00.5-P	Soluble	Solid	300.0	54090

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28738-1
SDG: Eddy Co., NM

Client Sample ID: CF-263.0-00.5-P

Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

Lab Sample ID: 880-28738-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	53970	05/24/23 13:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54128	05/25/23 18:24	SM	EET MID
Total/NA	Analysis	Total BTEX		1			54283	05/26/23 17:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			54166	05/25/23 11:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	54080	05/24/23 12:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54026	05/25/23 07:40	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	54090	05/24/23 14:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54109	05/25/23 17:23	CH	EET MID

Client Sample ID: CF-266.0-01.-P

Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

Lab Sample ID: 880-28738-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	53970	05/24/23 13:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54128	05/25/23 18:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			54283	05/26/23 17:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			54166	05/25/23 11:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	54080	05/24/23 12:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54026	05/25/23 08:01	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	54090	05/24/23 14:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54109	05/25/23 17:40	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-28738-1
Project/Site: 7520 Crazy Horse CTB
SDG: Eddy Co., NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28738-1
SDG: Eddy Co., NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28738-1
SDG: Eddy Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-28738-1	CF-263.0-00.5-P	Solid	05/19/23 00:00	05/24/23 11:00
880-28738-2	CF-266.0-01.-P	Solid	05/19/23 00:00	05/24/23 11:00

Released to Imaging: 3/4/2024 11:19:30 AM
Received by OCD: 2/28/2024 4:14:15 PM

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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, Carlsbad NM (575) 988-3199

Work Order No: 28738

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date	
Sampler's Name:	XT	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT			Wet Ice:	
Samples Received Intact:	Temp Blank: Yes No	Thermometer ID:	Yes No	IR6
Cooler Custody Seals:	Yes No N/A	Correction Factor:		-1.0
Sample Custody Seals:	Yes No N/A	Temperature Reading:		5.9
Total Containers:		Corrected Temperature:		5.9

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)
CF-263 0-00 5-P	Soil	5/19/2023			C	1		X	X	X
CF-266 0-01 0-P	Soil	5/19/2023			C	1		X	X	X

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

462

880-28738 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

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

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Ega Cantu	5-23-23	2 Ega Cantu		5/24/23 1100
3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

Login Sample Receipt Checklist

Client: Trinity Oilfield Services & Rentals, LLC

Job Number: 880-28738-1
SDG Number: Eddy Co., NM

Login Number: 28738
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Dan Dunkelberg
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, New Mexico 88241

Generated 8/24/2023 10:09:05 AM

JOB DESCRIPTION

07520 Crazy Horse CTB
SDG NUMBER Eddy Co NM

JOB NUMBER

880-32135-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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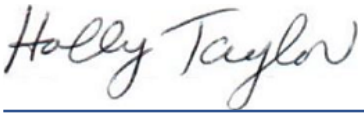
Eurofins Midland

Job Notes

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

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

Authorization



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8/24/2023 10:09:05 AM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

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Definitions/Glossary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

Job ID: 880-32135-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-32135-1

Receipt
The samples were received on 8/16/2023 10:45 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 2.2°C

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: S-004.0-05.0-S (880-32135-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-60871 and analytical batch 880-60869 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-60869 recovered above the upper control limit for Toluene, m,p-Xylenes and o-Xylene. 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 880-60869/2).

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 880-60785 and analytical batch 880-60778 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-60778/20) and (CCV 880-60778/5). 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.

Released to Imaging: 3/4/2024 11:19:30 AM

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

Client Sample ID: S-002.0-05.0-S

Lab Sample ID: 880-32135-1
Matrix: Solid
Date Collected: 08/10/23 00:00
Date Received: 08/16/23 10:45

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/23 08:45	08/23/23 17:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/23 08:45	08/23/23 17:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/23 08:45	08/23/23 17:38	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		08/23/23 08:45	08/23/23 17:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/23 08:45	08/23/23 17:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/23 08:45	08/23/23 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*08/23/23 08:45*	*08/23/23 17:38*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*08/23/23 08:45*	*08/23/23 17:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/24/23 10:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/23/23 11:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		08/22/23 09:37	08/22/23 11:09	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/22/23 09:37	08/22/23 11:09	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/22/23 09:37	08/22/23 11:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*08/22/23 09:37*	*08/22/23 11:09*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*08/22/23 09:37*	*08/22/23 11:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**177**		4.95		mg/Kg			08/18/23 19:28	1

Client Sample ID: S-004.0-05.0-S

Lab Sample ID: 880-32135-2
Matrix: Solid
Date Collected: 08/10/23 00:00
Date Received: 08/16/23 10:45

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/23/23 08:45	08/23/23 17:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/23/23 08:45	08/23/23 17:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/23/23 08:45	08/23/23 17:59	1
m,p-Xylenes	<0.00404	U *+	0.00404		mg/Kg		08/23/23 08:45	08/23/23 17:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/23/23 08:45	08/23/23 17:59	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/23/23 08:45	08/23/23 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*08/23/23 08:45*	*08/23/23 17:59*	*1*
1,4-Difluorobenzene (Surr)	*60*	*S1-*	*70 - 130*	*08/23/23 08:45*	*08/23/23 17:59*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

Client Sample ID: S-004.0-05.0-S
Date Collected: 08/10/23 00:00
Date Received: 08/16/23 10:45

Lab Sample ID: 880-32135-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/24/23 10:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/23/23 11:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		08/22/23 09:37	08/22/23 12:16	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/22/23 09:37	08/22/23 12:16	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/22/23 09:37	08/22/23 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*08/22/23 09:37*	*08/22/23 12:16*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*08/22/23 09:37*	*08/22/23 12:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**203**		4.98		mg/Kg			08/18/23 19:49	1

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

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)
880-32135-1	S-002.0-05.0-S	87	75
880-32135-2	S-004.0-05.0-S	102	60 S1-
LCS 880-60871/1-A	Lab Control Sample	119	110
LCSD 880-60871/2-A	Lab Control Sample Dup	118	114
MB 880-60871/5-A	Method Blank	73	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-32135-1	S-002.0-05.0-S	113	119
880-32135-1 MS	S-002.0-05.0-S	109	106
880-32135-1 MSD	S-002.0-05.0-S	108	105
880-32135-2	S-004.0-05.0-S	103	109
LCS 880-60785/2-A	Lab Control Sample	100	111
LCSD 880-60785/3-A	Lab Control Sample Dup	111	125
MB 880-60785/1-A	Method Blank	152 S1+	169 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-60871/5-A
Matrix: Solid
Analysis Batch: 60869

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 60871

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/23 08:45	08/23/23 12:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/23 08:45	08/23/23 12:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/23 08:45	08/23/23 12:07	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/23/23 08:45	08/23/23 12:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/23 08:45	08/23/23 12:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/23/23 08:45	08/23/23 12:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*70 - 130*	*08/23/23 08:45*	*08/23/23 12:07*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/23/23 08:45*	*08/23/23 12:07*	*1*

Lab Sample ID: LCS 880-60871/1-A
Matrix: Solid
Analysis Batch: 60869

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 60871

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1017		mg/Kg		102	70 - 130		
Toluene			0.100	0.1196		mg/Kg		120	70 - 130		
Ethylbenzene			0.100	0.1179		mg/Kg		118	70 - 130		
m,p-Xylenes			0.200	0.2633	*+	mg/Kg		132	70 - 130		
o-Xylene			0.100	0.1279		mg/Kg		128	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 880-60871/2-A
Matrix: Solid
Analysis Batch: 60869

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 60871

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09507		mg/Kg		95	70 - 130	7	35
Toluene			0.100	0.1040		mg/Kg		104	70 - 130	14	35
Ethylbenzene			0.100	0.09942		mg/Kg		99	70 - 130	17	35
m,p-Xylenes			0.200	0.2191		mg/Kg		110	70 - 130	18	35
o-Xylene			0.100	0.1079		mg/Kg		108	70 - 130	17	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

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

Lab Sample ID: MB 880-60785/1-A
Matrix: Solid
Analysis Batch: 60778

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 60785

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/22/23 08:00	08/22/23 08:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/23 08:00	08/22/23 08:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/23 08:00	08/22/23 08:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*152*	*S1+*	*70 - 130*	*08/22/23 08:00*	*08/22/23 08:13*	*1*
o-Terphenyl (Surr)	*169*	*S1+*	*70 - 130*	*08/22/23 08:00*	*08/22/23 08:13*	*1*

Lab Sample ID: LCS 880-60785/2-A
Matrix: Solid
Analysis Batch: 60778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 60785

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	991.2		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	995.8		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*100*		*70 - 130*
o-Terphenyl (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-60785/3-A
Matrix: Solid
Analysis Batch: 60778

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 60785

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	946.7		mg/Kg		95	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	948.9		mg/Kg		95	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*111*		*70 - 130*
o-Terphenyl (Surr)	*125*		*70 - 130*

Lab Sample ID: 880-32135-1 MS
Matrix: Solid
Analysis Batch: 60778

Client Sample ID: S-002.0-05.0-S
Prep Type: Total/NA
Prep Batch: 60785

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	999	1216		mg/Kg		118	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.3	U	999	959.0		mg/Kg		93	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-32135-1 MS
Matrix: Solid
Analysis Batch: 60778

Client Sample ID: S-002.0-05.0-S
Prep Type: Total/NA
Prep Batch: 60785

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	106		70 - 130

Lab Sample ID: 880-32135-1 MSD
Matrix: Solid
Analysis Batch: 60778

Client Sample ID: S-002.0-05.0-S
Prep Type: Total/NA
Prep Batch: 60785

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	999	1201		mg/Kg		116	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.3	U	999	955.8		mg/Kg		93	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	108		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-60491/1-A
Matrix: Solid
Analysis Batch: 60619

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/18/23 18:24	1

Lab Sample ID: LCS 880-60491/2-A
Matrix: Solid
Analysis Batch: 60619

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	252.9		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-60491/3-A
Matrix: Solid
Analysis Batch: 60619

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	251.9		mg/Kg		101	90 - 110	0	20

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

GC VOA

Analysis Batch: 60869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32135-1	S-002.0-05.0-S	Total/NA	Solid	8021B	60871
880-32135-2	S-004.0-05.0-S	Total/NA	Solid	8021B	60871
MB 880-60871/5-A	Method Blank	Total/NA	Solid	8021B	60871
LCS 880-60871/1-A	Lab Control Sample	Total/NA	Solid	8021B	60871
LCSD 880-60871/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	60871

Prep Batch: 60871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32135-1	S-002.0-05.0-S	Total/NA	Solid	5035	
880-32135-2	S-004.0-05.0-S	Total/NA	Solid	5035	
MB 880-60871/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-60871/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-60871/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 60978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32135-1	S-002.0-05.0-S	Total/NA	Solid	Total BTEX	
880-32135-2	S-004.0-05.0-S	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 60778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32135-1	S-002.0-05.0-S	Total/NA	Solid	8015B NM	60785
880-32135-2	S-004.0-05.0-S	Total/NA	Solid	8015B NM	60785
MB 880-60785/1-A	Method Blank	Total/NA	Solid	8015B NM	60785
LCS 880-60785/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	60785
LCSD 880-60785/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	60785
880-32135-1 MS	S-002.0-05.0-S	Total/NA	Solid	8015B NM	60785
880-32135-1 MSD	S-002.0-05.0-S	Total/NA	Solid	8015B NM	60785

Prep Batch: 60785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32135-1	S-002.0-05.0-S	Total/NA	Solid	8015NM Prep	
880-32135-2	S-004.0-05.0-S	Total/NA	Solid	8015NM Prep	
MB 880-60785/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-60785/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-60785/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-32135-1 MS	S-002.0-05.0-S	Total/NA	Solid	8015NM Prep	
880-32135-1 MSD	S-002.0-05.0-S	Total/NA	Solid	8015NM Prep	

Analysis Batch: 60903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32135-1	S-002.0-05.0-S	Total/NA	Solid	8015 NM	
880-32135-2	S-004.0-05.0-S	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 60491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32135-1	S-002.0-05.0-S	Soluble	Solid	DI Leach	
880-32135-2	S-004.0-05.0-S	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

HPLC/IC (Continued)

Leach Batch: 60491 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-60491/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-60491/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-60491/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 60619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32135-1	S-002.0-05.0-S	Soluble	Solid	300.0	60491
880-32135-2	S-004.0-05.0-S	Soluble	Solid	300.0	60491
MB 880-60491/1-A	Method Blank	Soluble	Solid	300.0	60491
LCS 880-60491/2-A	Lab Control Sample	Soluble	Solid	300.0	60491
LCSD 880-60491/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	60491

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

Client Sample ID: S-002.0-05.0-S

Lab Sample ID: 880-32135-1
Matrix: Solid
Date Collected: 08/10/23 00:00
Date Received: 08/16/23 10:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	60871	08/23/23 08:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60869	08/23/23 17:38	SM	EET MID
Total/NA	Analysis	Total BTEX		1			60978	08/24/23 10:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			60903	08/23/23 11:48	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	60785	08/22/23 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60778	08/22/23 11:09	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	60491	08/17/23 15:04	SMC	EET MID
Soluble	Analysis	300.0		1			60619	08/18/23 19:28	CH	EET MID

Client Sample ID: S-004.0-05.0-S

Lab Sample ID: 880-32135-2
Matrix: Solid
Date Collected: 08/10/23 00:00
Date Received: 08/16/23 10:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	60871	08/23/23 08:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60869	08/23/23 17:59	SM	EET MID
Total/NA	Analysis	Total BTEX		1			60978	08/24/23 10:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			60903	08/23/23 11:48	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	60785	08/22/23 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60778	08/22/23 12:16	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	60491	08/17/23 15:04	SMC	EET MID
Soluble	Analysis	300.0		1			60619	08/18/23 19:49	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 07520 Crazy Horse CTB

Job ID: 880-32135-1
SDG: Eddy Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-32135-1	S-002.0-05.0-S	Solid	08/10/23 00:00	08/16/23 10:45
880-32135-2	S-004.0-05.0-S	Solid	08/10/23 00:00	08/16/23 10:45

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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, Carlsbad, NM (575) 988-3199

880-32135 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Permian Resources
Address:	8426 N Dal Paso	Address:	500 W. Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery.Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	Routine / Rush
Project Number:	07520	Due Date:	
Project Location:	Eddy Co., NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	KA		
PO #:			

Work Order Comments

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

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	IR8	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0.3	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.5	
Total Containers:		Corrected Temperature:	2.8	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
S-002.0-05.0-S	Soil	8/10/2023		5'	G	1	X	X	X	
S-004.0-05.0-S	Soil	8/10/2023		5'	G	1	X	X	X	

Preservative Codes: None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

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

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Eyan Carroll	8-15 3:46	2 Eyan Carroll		8/16/23 1045
3			4		
5			6		

Revised Date: 05/25/2020 Rev. 2020.2

Received by OCD: 2/28/2024 4:14:15 PM

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8/24/2023

Released to Imaging: 3/4/2024 11:19:30 AM

Login Sample Receipt Checklist

Client: Trinity Oilfield Services & Rentals, LLC

Job Number: 880-32135-1
SDG Number: Eddy Co NM

Login Number: 32135
List Number: 1
Creator: Kramer, Jessica

List Source: Eurofins Midland

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Dan Dunkelberg
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, New Mexico 88241

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JOB DESCRIPTION

7520 Crazy Horse CTB
SDG NUMBER Eddy Co., NM

JOB NUMBER

880-28740-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 3/4/2024 11:19:50 AM

my EOL

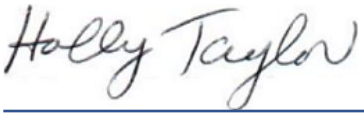
Eurofins Midland

Job Notes

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

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

Authorization



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5/30/2023 12:14:45 PM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

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Definitions/Glossary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

Job ID: 880-28740-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-28740-1

Receipt
The samples were received on 5/24/2023 11:00 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 5.6°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S2-04.0-S (880-28740-1), S9-06.0-S (880-28740-2), S13-06.0-P (880-28740-3), H19.1-01.0-S (880-28740-4) and H18.1-01.0-S (880-28740-5).

GC VOA
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 880-54080 and analytical batch 880-54026 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S2-04.0-S (880-28740-1) and S9-06.0-S (880-28740-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-54160 and analytical batch 880-54119 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.

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

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

Client Sample ID: S2-04.0-S

Lab Sample ID: 880-28740-1
Matrix: Solid
Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		05/24/23 15:37	05/27/23 04:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/24/23 15:37	05/27/23 04:15	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		05/24/23 15:37	05/27/23 04:15	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		05/24/23 15:37	05/27/23 04:15	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		05/24/23 15:37	05/27/23 04:15	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		05/24/23 15:37	05/27/23 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*05/24/23 15:37*	*05/27/23 04:15*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*05/24/23 15:37*	*05/27/23 04:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/30/23 13:01	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/25/23 11:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/24/23 12:56	05/25/23 08:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/24/23 12:56	05/25/23 08:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/24/23 12:56	05/25/23 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*131*	*S1+*	*70 - 130*	*05/24/23 12:56*	*05/25/23 08:23*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*05/24/23 12:56*	*05/25/23 08:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.4**		5.02		mg/Kg			05/25/23 17:45	1

Client Sample ID: S9-06.0-S

Lab Sample ID: 880-28740-2
Matrix: Solid
Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+	0.00201		mg/Kg		05/24/23 15:37	05/27/23 04:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/24/23 15:37	05/27/23 04:35	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		05/24/23 15:37	05/27/23 04:35	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		05/24/23 15:37	05/27/23 04:35	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		05/24/23 15:37	05/27/23 04:35	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		05/24/23 15:37	05/27/23 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*05/24/23 15:37*	*05/27/23 04:35*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*05/24/23 15:37*	*05/27/23 04:35*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

Client Sample ID: S9-06.0-S

Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

Lab Sample ID: 880-28740-2

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/30/23 13:01	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/25/23 11:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/24/23 12:56	05/25/23 08:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/24/23 12:56	05/25/23 08:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/24/23 12:56	05/25/23 08:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*148*	*S1+*	*70 - 130*	*05/24/23 12:56*	*05/25/23 08:45*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*05/24/23 12:56*	*05/25/23 08:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58.7**		5.03		mg/Kg			05/25/23 17:51	1

Client Sample ID: S13-06.0-P

Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

Lab Sample ID: 880-28740-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+	0.00202		mg/Kg		05/24/23 15:37	05/27/23 04:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/24/23 15:37	05/27/23 04:55	1
Ethylbenzene	<0.00202	U *+	0.00202		mg/Kg		05/24/23 15:37	05/27/23 04:55	1
m,p-Xylenes	<0.00404	U *+	0.00404		mg/Kg		05/24/23 15:37	05/27/23 04:55	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		05/24/23 15:37	05/27/23 04:55	1
Xylenes, Total	<0.00404	U *+	0.00404		mg/Kg		05/24/23 15:37	05/27/23 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*05/24/23 15:37*	*05/27/23 04:55*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*05/24/23 15:37*	*05/27/23 04:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/30/23 13:01	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/26/23 08:31	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/25/23 11:57	05/25/23 18:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/25/23 11:57	05/25/23 18:27	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

Client Sample ID: S13-06.0-P

Lab Sample ID: 880-28740-3
Matrix: Solid
Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/25/23 11:57	05/25/23 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*05/25/23 11:57*	*05/25/23 18:27*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*05/25/23 11:57*	*05/25/23 18:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62.9**		4.98		mg/Kg			05/25/23 17:56	1

Client Sample ID: H19.1-01.0-S

Lab Sample ID: 880-28740-4
Matrix: Solid
Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		05/24/23 15:37	05/27/23 05:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/24/23 15:37	05/27/23 05:16	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		05/24/23 15:37	05/27/23 05:16	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		05/24/23 15:37	05/27/23 05:16	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		05/24/23 15:37	05/27/23 05:16	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		05/24/23 15:37	05/27/23 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*05/24/23 15:37*	*05/27/23 05:16*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*05/24/23 15:37*	*05/27/23 05:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/30/23 13:01	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/26/23 08:31	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/25/23 11:57	05/25/23 18:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/25/23 11:57	05/25/23 18:48	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/25/23 11:57	05/25/23 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*05/25/23 11:57*	*05/25/23 18:48*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*05/25/23 11:57*	*05/25/23 18:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.6**		4.99		mg/Kg			05/25/23 18:12	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

Client Sample ID: H18.1-01.0-S

Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

Lab Sample ID: 880-28740-5

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		05/24/23 15:37	05/27/23 05:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/24/23 15:37	05/27/23 05:36	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		05/24/23 15:37	05/27/23 05:36	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		05/24/23 15:37	05/27/23 05:36	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		05/24/23 15:37	05/27/23 05:36	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		05/24/23 15:37	05/27/23 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*05/24/23 15:37*	*05/27/23 05:36*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*05/24/23 15:37*	*05/27/23 05:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/30/23 13:01	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/26/23 08:31	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/25/23 11:57	05/25/23 19:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/25/23 11:57	05/25/23 19:09	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/25/23 11:57	05/25/23 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*05/25/23 11:57*	*05/25/23 19:09*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*05/25/23 11:57*	*05/25/23 19:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		4.99		mg/Kg			05/25/23 18:18	1

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

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)
880-28740-1	S2-04.0-S	90	71
880-28740-2	S9-06.0-S	113	95
880-28740-3	S13-06.0-P	85	85
880-28740-4	H19.1-01.0-S	90	78
880-28740-5	H18.1-01.0-S	118	83
LCS 880-54099/1-A	Lab Control Sample	126	111
LCSD 880-54099/2-A	Lab Control Sample Dup	113	110
MB 880-54099/5-A	Method Blank	66 S1-	74
MB 880-54107/5-A	Method Blank	71	77

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-28740-1	S2-04.0-S	131 S1+	99
880-28740-2	S9-06.0-S	148 S1+	111
880-28740-3	S13-06.0-P	111	83
880-28740-4	H19.1-01.0-S	119	91
880-28740-5	H18.1-01.0-S	116	89
LCS 880-54080/2-A	Lab Control Sample	103	79
LCS 880-54160/2-A	Lab Control Sample	123	94
LCSD 880-54080/3-A	Lab Control Sample Dup	103	79
LCSD 880-54160/3-A	Lab Control Sample Dup	120	91
MB 880-54080/1-A	Method Blank	170 S1+	138 S1+
MB 880-54160/1-A	Method Blank	228 S1+	185 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-54099/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 54207 — **Prep Batch: 54099**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/24/23 15:37	05/26/23 21:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/24/23 15:37	05/26/23 21:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/24/23 15:37	05/26/23 21:44	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/24/23 15:37	05/26/23 21:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/24/23 15:37	05/26/23 21:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/24/23 15:37	05/26/23 21:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*05/24/23 15:37*	*05/26/23 21:44*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*05/24/23 15:37*	*05/26/23 21:44*	*1*

Lab Sample ID: LCS 880-54099/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 54207 — **Prep Batch: 54099**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1343	*+	mg/Kg		134	70 - 130		
Toluene			0.100	0.1208		mg/Kg		121	70 - 130		
Ethylbenzene			0.100	0.1345	*+	mg/Kg		135	70 - 130		
m,p-Xylenes			0.200	0.2810	*+	mg/Kg		140	70 - 130		
o-Xylene			0.100	0.1409	*+	mg/Kg		141	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-54099/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 54207 — **Prep Batch: 54099**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1246		mg/Kg		125	70 - 130	7	35
Toluene			0.100	0.1110		mg/Kg		111	70 - 130	8	35
Ethylbenzene			0.100	0.1136		mg/Kg		114	70 - 130	17	35
m,p-Xylenes			0.200	0.2375		mg/Kg		119	70 - 130	17	35
o-Xylene			0.100	0.1194		mg/Kg		119	70 - 130	16	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: MB 880-54107/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 54207 — **Prep Batch: 54107**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/24/23 16:24	05/26/23 11:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/24/23 16:24	05/26/23 11:09	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

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

Lab Sample ID: MB 880-54107/5-A
Matrix: Solid
Analysis Batch: 54207

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 54107

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/24/23 16:24	05/26/23 11:09	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/24/23 16:24	05/26/23 11:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/24/23 16:24	05/26/23 11:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/24/23 16:24	05/26/23 11:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*05/24/23 16:24*	*05/26/23 11:09*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*05/24/23 16:24*	*05/26/23 11:09*	*1*

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

Lab Sample ID: MB 880-54080/1-A
Matrix: Solid
Analysis Batch: 54026

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 54080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/24/23 12:56	05/24/23 20:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/24/23 12:56	05/24/23 20:56	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/24/23 12:56	05/24/23 20:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*170*	*S1+*	*70 - 130*	*05/24/23 12:56*	*05/24/23 20:56*	*1*
o-Terphenyl (Surr)	*138*	*S1+*	*70 - 130*	*05/24/23 12:56*	*05/24/23 20:56*	*1*

Lab Sample ID: LCS 880-54080/2-A
Matrix: Solid
Analysis Batch: 54026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 54080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	916.4		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	954.6		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*103*		*70 - 130*
o-Terphenyl (Surr)	*79*		*70 - 130*

Lab Sample ID: LCSD 880-54080/3-A
Matrix: Solid
Analysis Batch: 54026

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 54080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	853.2		mg/Kg		85	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	878.9		mg/Kg		88	70 - 130	8	20

Eurofins Midland

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

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

Lab Sample ID: LCSD 880-54080/3-A
Matrix: Solid
Analysis Batch: 54026

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 54080

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	79		70 - 130

Lab Sample ID: MB 880-54160/1-A
Matrix: Solid
Analysis Batch: 54119

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 54160

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/25/23 11:57	05/25/23 10:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/25/23 11:57	05/25/23 10:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/25/23 11:57	05/25/23 10:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	228	S1+	70 - 130	05/25/23 11:57	05/25/23 10:17	1
o-Terphenyl (Surr)	185	S1+	70 - 130	05/25/23 11:57	05/25/23 10:17	1

Lab Sample ID: LCS 880-54160/2-A
Matrix: Solid
Analysis Batch: 54119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 54160

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1065		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1157		mg/Kg		116	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	123		70 - 130
o-Terphenyl (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-54160/3-A
Matrix: Solid
Analysis Batch: 54119

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 54160

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	973.9		mg/Kg		97	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	1072		mg/Kg		107	70 - 130	8	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	120		70 - 130
o-Terphenyl (Surr)	91		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-54090/1-A
Matrix: Solid
Analysis Batch: 54109

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/25/23 17:07	1

Lab Sample ID: LCS 880-54090/2-A
Matrix: Solid
Analysis Batch: 54109

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	248.8		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-54090/3-A
Matrix: Solid
Analysis Batch: 54109

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	250.3		mg/Kg		100	90 - 110	1	20

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

GC VOA

Prep Batch: 54099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28740-1	S2-04.0-S	Total/NA	Solid	5035	
880-28740-2	S9-06.0-S	Total/NA	Solid	5035	
880-28740-3	S13-06.0-P	Total/NA	Solid	5035	
880-28740-4	H19.1-01.0-S	Total/NA	Solid	5035	
880-28740-5	H18.1-01.0-S	Total/NA	Solid	5035	
MB 880-54099/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-54099/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-54099/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 54107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-54107/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 54207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28740-1	S2-04.0-S	Total/NA	Solid	8021B	54099
880-28740-2	S9-06.0-S	Total/NA	Solid	8021B	54099
880-28740-3	S13-06.0-P	Total/NA	Solid	8021B	54099
880-28740-4	H19.1-01.0-S	Total/NA	Solid	8021B	54099
880-28740-5	H18.1-01.0-S	Total/NA	Solid	8021B	54099
MB 880-54099/5-A	Method Blank	Total/NA	Solid	8021B	54099
MB 880-54107/5-A	Method Blank	Total/NA	Solid	8021B	54107
LCS 880-54099/1-A	Lab Control Sample	Total/NA	Solid	8021B	54099
LCSD 880-54099/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	54099

Analysis Batch: 54403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28740-1	S2-04.0-S	Total/NA	Solid	Total BTEX	
880-28740-2	S9-06.0-S	Total/NA	Solid	Total BTEX	
880-28740-3	S13-06.0-P	Total/NA	Solid	Total BTEX	
880-28740-4	H19.1-01.0-S	Total/NA	Solid	Total BTEX	
880-28740-5	H18.1-01.0-S	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 54026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28740-1	S2-04.0-S	Total/NA	Solid	8015B NM	54080
880-28740-2	S9-06.0-S	Total/NA	Solid	8015B NM	54080
MB 880-54080/1-A	Method Blank	Total/NA	Solid	8015B NM	54080
LCS 880-54080/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	54080
LCSD 880-54080/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	54080

Prep Batch: 54080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28740-1	S2-04.0-S	Total/NA	Solid	8015NM Prep	
880-28740-2	S9-06.0-S	Total/NA	Solid	8015NM Prep	
MB 880-54080/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-54080/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-54080/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

GC Semi VOA

Analysis Batch: 54119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28740-3	S13-06.0-P	Total/NA	Solid	8015B NM	54160
880-28740-4	H19.1-01.0-S	Total/NA	Solid	8015B NM	54160
880-28740-5	H18.1-01.0-S	Total/NA	Solid	8015B NM	54160
MB 880-54160/1-A	Method Blank	Total/NA	Solid	8015B NM	54160
LCS 880-54160/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	54160
LCSD 880-54160/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	54160

Prep Batch: 54160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28740-3	S13-06.0-P	Total/NA	Solid	8015NM Prep	
880-28740-4	H19.1-01.0-S	Total/NA	Solid	8015NM Prep	
880-28740-5	H18.1-01.0-S	Total/NA	Solid	8015NM Prep	
MB 880-54160/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-54160/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-54160/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 54167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28740-1	S2-04.0-S	Total/NA	Solid	8015 NM	
880-28740-2	S9-06.0-S	Total/NA	Solid	8015 NM	
880-28740-3	S13-06.0-P	Total/NA	Solid	8015 NM	
880-28740-4	H19.1-01.0-S	Total/NA	Solid	8015 NM	
880-28740-5	H18.1-01.0-S	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 54090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28740-1	S2-04.0-S	Soluble	Solid	DI Leach	
880-28740-2	S9-06.0-S	Soluble	Solid	DI Leach	
880-28740-3	S13-06.0-P	Soluble	Solid	DI Leach	
880-28740-4	H19.1-01.0-S	Soluble	Solid	DI Leach	
880-28740-5	H18.1-01.0-S	Soluble	Solid	DI Leach	
MB 880-54090/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-54090/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-54090/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 54109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28740-1	S2-04.0-S	Soluble	Solid	300.0	54090
880-28740-2	S9-06.0-S	Soluble	Solid	300.0	54090
880-28740-3	S13-06.0-P	Soluble	Solid	300.0	54090
880-28740-4	H19.1-01.0-S	Soluble	Solid	300.0	54090
880-28740-5	H18.1-01.0-S	Soluble	Solid	300.0	54090
MB 880-54090/1-A	Method Blank	Soluble	Solid	300.0	54090
LCS 880-54090/2-A	Lab Control Sample	Soluble	Solid	300.0	54090
LCSD 880-54090/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	54090

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

Client Sample ID: S2-04.0-S

Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

Lab Sample ID: 880-28740-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	54099	05/24/23 15:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54207	05/27/23 04:15	SM	EET MID
Total/NA	Analysis	Total BTEX		1			54403	05/30/23 13:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54167	05/25/23 11:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	54080	05/24/23 12:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54026	05/25/23 08:23	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	54090	05/24/23 14:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54109	05/25/23 17:45	CH	EET MID

Client Sample ID: S9-06.0-S

Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

Lab Sample ID: 880-28740-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	54099	05/24/23 15:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54207	05/27/23 04:35	SM	EET MID
Total/NA	Analysis	Total BTEX		1			54403	05/30/23 13:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54167	05/25/23 11:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	54080	05/24/23 12:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54026	05/25/23 08:45	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	54090	05/24/23 14:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54109	05/25/23 17:51	CH	EET MID

Client Sample ID: S13-06.0-P

Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

Lab Sample ID: 880-28740-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	54099	05/24/23 15:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54207	05/27/23 04:55	SM	EET MID
Total/NA	Analysis	Total BTEX		1			54403	05/30/23 13:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54167	05/26/23 08:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	54160	05/25/23 11:57	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54119	05/25/23 18:27	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	54090	05/24/23 14:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54109	05/25/23 17:56	CH	EET MID

Client Sample ID: H19.1-01.0-S

Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

Lab Sample ID: 880-28740-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	54099	05/24/23 15:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54207	05/27/23 05:16	SM	EET MID
Total/NA	Analysis	Total BTEX		1			54403	05/30/23 13:01	AJ	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

Client Sample ID: H19.1-01.0-S

Lab Sample ID: 880-28740-4
Matrix: Solid
Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			54167	05/26/23 08:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	54160	05/25/23 11:57	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54119	05/25/23 18:48	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	54090	05/24/23 14:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54109	05/25/23 18:12	CH	EET MID

Client Sample ID: H18.1-01.0-S

Lab Sample ID: 880-28740-5
Matrix: Solid
Date Collected: 05/19/23 00:00
Date Received: 05/24/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	54099	05/24/23 15:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54207	05/27/23 05:36	SM	EET MID
Total/NA	Analysis	Total BTEX		1			54403	05/30/23 13:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54167	05/26/23 08:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	54160	05/25/23 11:57	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54119	05/25/23 19:09	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	54090	05/24/23 14:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54109	05/25/23 18:18	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-28740-1
SDG: Eddy Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-28740-1	S2-04.0-S	Solid	05/19/23 00:00	05/24/23 11:00
880-28740-2	S9-06.0-S	Solid	05/19/23 00:00	05/24/23 11:00
880-28740-3	S13-06.0-P	Solid	05/19/23 00:00	05/24/23 11:00
880-28740-4	H19.1-01.0-S	Solid	05/19/23 00:00	05/24/23 11:00
880-28740-5	H18.1-01.0-S	Solid	05/19/23 00:00	05/24/23 11:00

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Received by OCD: 2/28/2024 4:14:15 PM

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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 Carlsbad, NM (575) 988-3199

Work Order No: 28740

www.xenco.com Page 1 of 1

Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	☐ Routine ☐ Rush
Project Number:	7520	Due Date	
Project Location:	Eddy Co., NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	XT		
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT

Temp Blank:	(Yes) No	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	IR8	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0.0	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.9	
Total Containers:		Corrected Temperature:	5.9	

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)
S2-04.0-S	Soil	5/19/2023			G	1		X	X	X
S9-06 0-S	Soil	5/19/2023			G	1		X	X	X
S13-06.0-P	Soil	5/19/2023			G	1		X	X	X
H19 1-01 0-S	Soil	5/19/2023			G	1		X	X	X
H18 1-01 0-S	Soil	5/19/2023			G	1		X	X	X

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

402

880-28740 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

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

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Eyan Carrillo	3:30 5-23-23	2 Eyan Carrillo		
3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

Login Sample Receipt Checklist

Client: Trinity Oilfield Services & Rentals, LLC

Job Number: 880-28740-1
SDG Number: Eddy Co., NM

Login Number: 28740
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Dan Dunkelberg
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, New Mexico 88241

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JOB DESCRIPTION

Crazy Horse CTB
SDG NUMBER Eddy Co., NM

JOB NUMBER

880-26580-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 3/4/2024 11:19:50 AM

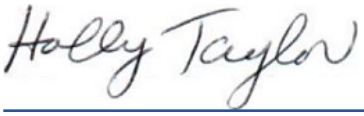
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Eurofins Midland

Job Notes

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

Authorization



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Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

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Definitions/Glossary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Qualifiers

GC 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.

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

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

Glossary

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

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Job ID: 880-26580-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-26580-1

Receipt
The samples were received on 3/30/2023 11:17 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 3.1°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CF-001-04.0-NA-P (880-26580-1), CF-002-04.0-NA-P (880-26580-2), CF-003-04.0-NA-P (880-26580-3), CF-004-04.0-NA-P (880-26580-4), CF-005-04.0-NA-P (880-26580-5), CF-006-04.0-NA-P (880-26580-6), CF-007-04.0-NA-P (880-26580-7), CF-008-04.0-NA-P (880-26580-8), CF-009-04.0-NA-P (880-26580-9), CF-010-04.0-NA-P (880-26580-10), CF-011-04.0-NA-P (880-26580-11), CF-012-04.0-NA-P (880-26580-12), CF-013-04.0-NA-P (880-26580-13), CF-014-04.0-NA-P (880-26580-14), CF-015-04.0-NA-P (880-26580-15), CF-016-04.0-NA-P (880-26580-16), CF-017-04.0-NA-P (880-26580-17), CF-018-04.0-NA-P (880-26580-18), CF-019-04.0-NA-P (880-26580-19), CF-020-04.0-NA-P (880-26580-20), CF-021-04.0-NA-P (880-26580-21), CF-022-04.0-NA-P (880-26580-22), CF-023-04.0-NA-P (880-26580-23), CF-024-04.0-NA-P (880-26580-24), CF-025-04.0-NA-P (880-26580-25), CF-026-06.0-NA-P (880-26580-26), CF-027-06.0-NA-P (880-26580-27), CF-028-06.0-NA-P (880-26580-28), CF-029-06.0-NA-P (880-26580-29), CF-030-06.0-NA-P (880-26580-30), CF-031-06.0-NA-P (880-26580-31), CF-032-06.0-NA-P (880-26580-32), CF-033-06.0-NA-P (880-26580-33), CF-034-06.0-NA-P (880-26580-34), CF-035-06.0-NA-P (880-26580-35), CF-036-06.0-NA-P (880-26580-36), CF-037-06.0-NA-P (880-26580-37), CF-038-06.0-NA-P (880-26580-38), CF-039-06.0-NA-P (880-26580-39), CF-040-06.0-NA-P (880-26580-40), CF-041-06.0-NA-P (880-26580-41), CF-042-06.0-NA-P (880-26580-42), CF-043-06.0-NA-P (880-26580-43), CF-044-06.0-NA-P (880-26580-44), CF-045-06.0-NA-P (880-26580-45), CF-046-06.0-NA-P (880-26580-46), CF-047-06.0-NA-P (880-26580-47), CF-048-06.0-NA-P (880-26580-48), CF-049-06.0-NA-P (880-26580-49), CF-050-06.0-NA-P (880-26580-50), CF-051-06.0-NA-P (880-26580-51), CF-052-06.0-NA-P (880-26580-52), CF-053-00.3-NA-P (880-26580-53), CF-054-00.3-NA-P (880-26580-54), CF-055-00.3-NA-P (880-26580-55), CF-056-00.3-NA-P (880-26580-56), CF-057-00.3-NA-P (880-26580-57), CF-058-00.3-NA-P (880-26580-58), CF-059-00.3-NA-P (880-26580-59), CF-060-00.3-NA-P (880-26580-60), CF-061-00.3-NA-P (880-26580-61), CF-062-00.3-NA-P (880-26580-62), CF-063-00.3-NA-P (880-26580-63), CF-064-00.3-NA-P (880-26580-64), CF-065-00.3-NA-P (880-26580-65), CF-066-00.3-NA-P (880-26580-66), CF-067-00.3-NA-P (880-26580-67), CF-068-00.3-NA-P (880-26580-68), CF-069-00.3-NA-P (880-26580-69), CF-070-00.3-NA-P (880-26580-70), CF-071-00.3-NA-P (880-26580-71) and CF-072-00.3-NA-P (880-26580-72).

We received two jars labeled the same and another sample had no jar at all. Dan Dunkleberg was contacted by phone and instructed the lab not to run these samples and they would recollect.
CF-008-04.0-NA-P (880-26580-8), CF-064-00.3-NA-P (880-26580-64) and CF-069-00.3-NA-P (880-26580-69)

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-50430/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-50479/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CF-036-06.0-NA-P (880-26580-36). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CF-045-06.0-NA-P (880-26580-45). 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 880-50088 and analytical batch 880-50091 was outside the upper control limits.

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Job ID: 880-26580-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-50088/2-A) and (LCSD 880-50088/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-50098 and analytical batch 880-50110 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-26580-A-22-B MS) and (880-26580-A-22-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CF-026-06.0-NA-P (880-26580-26), CF-028-06.0-NA-P (880-26580-28), CF-030-06.0-NA-P (880-26580-30) and CF-031-06.0-NA-P (880-26580-31). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CF-036-06.0-NA-P (880-26580-36). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50496 and analytical batch 880-50731 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.CF-012-04.0-NA-P (880-26580-12), CF-013-04.0-NA-P (880-26580-13), CF-014-04.0-NA-P (880-26580-14), CF-015-04.0-NA-P (880-26580-15), CF-016-04.0-NA-P (880-26580-16), CF-017-04.0-NA-P (880-26580-17), CF-018-04.0-NA-P (880-26580-18), CF-019-04.0-NA-P (880-26580-19), CF-020-04.0-NA-P (880-26580-20), (880-26580-A-12-D MS) and (880-26580-A-12-E MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50498 and analytical batch 880-50732 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.CF-041-06.0-NA-P (880-26580-41), CF-042-06.0-NA-P (880-26580-42), CF-043-06.0-NA-P (880-26580-43), CF-044-06.0-NA-P (880-26580-44), CF-045-06.0-NA-P (880-26580-45), CF-046-06.0-NA-P (880-26580-46), CF-047-06.0-NA-P (880-26580-47), CF-048-06.0-NA-P (880-26580-48), CF-049-06.0-NA-P (880-26580-49), CF-050-06.0-NA-P (880-26580-50), (880-26580-A-41-D MS) and (880-26580-A-41-E MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50498 and 880-50498 and analytical batch 880-50732 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.CF-051-06.0-NA-P (880-26580-51), CF-052-06.0-NA-P (880-26580-52), CF-053-00.3-NA-P (880-26580-53), CF-054-00.3-NA-P (880-26580-54), CF-055-00.3-NA-P (880-26580-55), CF-056-00.3-NA-P (880-26580-56), CF-057-00.3-NA-P (880-26580-57), CF-058-00.3-NA-P (880-26580-58), CF-059-00.3-NA-P (880-26580-59), CF-060-00.3-NA-P (880-26580-60), (880-26580-A-51-E MS) and (880-26580-A-51-F MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50497 and 880-50497 and analytical batch 880-50738 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.CF-021-04.0-NA-P (880-26580-21), CF-022-04.0-NA-P (880-26580-22), CF-023-04.0-NA-P (880-26580-23), CF-024-04.0-NA-P (880-26580-24), CF-025-04.0-NA-P (880-26580-25), CF-026-06.0-NA-P (880-26580-26), CF-027-06.0-NA-P (880-26580-27), CF-028-06.0-NA-P (880-26580-28), CF-029-06.0-NA-P (880-26580-29), CF-030-06.0-NA-P (880-26580-30), (880-26580-A-21-F MS) and (880-26580-A-21-G MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50497 and analytical batch 880-50738 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Job ID: 880-26580-1 (Continued)

Laboratory: Eurofins Midland (Continued)

and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50499 and analytical batch 880-50740 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.CF-061-00.3-NA-P (880-26580-61), CF-062-00.3-NA-P (880-26580-62), CF-063-00.3-NA-P (880-26580-63), CF-065-00.3-NA-P (880-26580-65), CF-066-00.3-NA-P (880-26580-66), CF-067-00.3-NA-P (880-26580-67), CF-068-00.3-NA-P (880-26580-68), CF-070-00.3-NA-P (880-26580-70), CF-071-00.3-NA-P (880-26580-71), CF-072-00.3-NA-P (880-26580-72), (880-26580-A-61-D MS) and (880-26580-A-61-E MSD)

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

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-001-04.0-NA-P

Lab Sample ID: 880-26580-1
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:08	04/08/23 12:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:08	04/08/23 12:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:08	04/08/23 12:40	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 10:08	04/08/23 12:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:08	04/08/23 12:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 10:08	04/08/23 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 10:08*	*04/08/23 12:40*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/06/23 10:08*	*04/08/23 12:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/02/23 22:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/02/23 22:17	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/02/23 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/01/23 09:47*	*04/02/23 22:17*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/01/23 09:47*	*04/02/23 22:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62.6**		5.03		mg/Kg			04/08/23 17:21	1

Client Sample ID: CF-002-04.0-NA-P

Lab Sample ID: 880-26580-2
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 13:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 13:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 13:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 13:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 13:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 10:08*	*04/08/23 13:00*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*04/06/23 10:08*	*04/08/23 13:00*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-002-04.0-NA-P

Lab Sample ID: 880-26580-2
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/02/23 22:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/02/23 22:39	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/02/23 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/01/23 09:47*	*04/02/23 22:39*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/01/23 09:47*	*04/02/23 22:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76.9**		4.99		mg/Kg			04/08/23 17:35	1

Client Sample ID: CF-003-04.0-NA-P

Lab Sample ID: 880-26580-3
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 13:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 13:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 13:21	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 10:08	04/08/23 13:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 13:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 10:08	04/08/23 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/06/23 10:08*	*04/08/23 13:21*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*04/06/23 10:08*	*04/08/23 13:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/02/23 23:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/02/23 23:01	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-003-04.0-NA-P

Lab Sample ID: 880-26580-3
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/02/23 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*04/01/23 09:47*	*04/02/23 23:01*	*1*
o-Terphenyl (Surr)	*129*		*70 - 130*	*04/01/23 09:47*	*04/02/23 23:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.2**		4.98		mg/Kg			04/08/23 17:40	1

Client Sample ID: CF-004-04.0-NA-P

Lab Sample ID: 880-26580-4
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:08	04/08/23 13:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:08	04/08/23 13:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:08	04/08/23 13:42	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 10:08	04/08/23 13:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:08	04/08/23 13:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 10:08	04/08/23 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 10:08*	*04/08/23 13:42*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/06/23 10:08*	*04/08/23 13:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/02/23 23:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/02/23 23:22	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/02/23 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/01/23 09:47*	*04/02/23 23:22*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/01/23 09:47*	*04/02/23 23:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.2**		4.99		mg/Kg			04/08/23 17:45	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-005-04.0-NA-P

Lab Sample ID: 880-26580-5
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 14:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 14:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 14:03	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 10:08	04/08/23 14:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 14:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 10:08	04/08/23 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/06/23 10:08*	*04/08/23 14:03*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*04/06/23 10:08*	*04/08/23 14:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/02/23 23:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/02/23 23:44	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/02/23 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/01/23 09:47*	*04/02/23 23:44*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/01/23 09:47*	*04/02/23 23:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.7**		5.00		mg/Kg			04/08/23 17:50	1

Client Sample ID: CF-006-04.0-NA-P

Lab Sample ID: 880-26580-6
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:08	04/08/23 14:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:08	04/08/23 14:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:08	04/08/23 14:23	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 10:08	04/08/23 14:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:08	04/08/23 14:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 10:08	04/08/23 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/06/23 10:08*	*04/08/23 14:23*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*04/06/23 10:08*	*04/08/23 14:23*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-006-04.0-NA-P

Lab Sample ID: 880-26580-6
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 00:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 00:05	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/01/23 09:47*	*04/03/23 00:05*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/01/23 09:47*	*04/03/23 00:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76.9**		5.04		mg/Kg			04/08/23 18:05	1

Client Sample ID: CF-007-04.0-NA-P

Lab Sample ID: 880-26580-7
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 14:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 14:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 14:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 14:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 14:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/06/23 10:08*	*04/08/23 14:44*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 10:08*	*04/08/23 14:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/03/23 00:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/03/23 00:27	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-007-04.0-NA-P

Lab Sample ID: 880-26580-7
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/03/23 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/01/23 09:47*	*04/03/23 00:27*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*04/01/23 09:47*	*04/03/23 00:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**81.6**		5.02		mg/Kg			04/08/23 18:10	1

Client Sample ID: CF-009-04.0-NA-P

Lab Sample ID: 880-26580-9
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 15:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 15:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 15:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 15:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 15:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/06/23 10:08*	*04/08/23 15:05*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 10:08*	*04/08/23 15:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 00:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 00:48	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/01/23 09:47*	*04/03/23 00:48*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/01/23 09:47*	*04/03/23 00:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.6**		5.02		mg/Kg			04/08/23 18:14	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-010-04.0-NA-P

Lab Sample ID: 880-26580-10
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 15:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 15:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 15:25	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 10:08	04/08/23 15:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 15:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 10:08	04/08/23 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/06/23 10:08*	*04/08/23 15:25*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/06/23 10:08*	*04/08/23 15:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 01:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 01:09	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/01/23 09:47*	*04/03/23 01:09*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/01/23 09:47*	*04/03/23 01:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**60.5**		5.05		mg/Kg			04/08/23 18:19	1

Client Sample ID: CF-011-04.0-NA-P

Lab Sample ID: 880-26580-11
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 10:08	04/08/23 15:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 10:08	04/08/23 15:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 10:08	04/08/23 15:46	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/06/23 10:08	04/08/23 15:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 10:08	04/08/23 15:46	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/06/23 10:08	04/08/23 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 10:08*	*04/08/23 15:46*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 10:08*	*04/08/23 15:46*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-011-04.0-NA-P

Lab Sample ID: 880-26580-11
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 01:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 01:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/01/23 09:47*	*04/03/23 01:52*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/01/23 09:47*	*04/03/23 01:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.2**		4.96		mg/Kg			04/08/23 18:24	1

Client Sample ID: CF-012-04.0-NA-P

Lab Sample ID: 880-26580-12
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 17:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 17:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 17:30	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 10:08	04/08/23 17:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 17:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 10:08	04/08/23 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*04/06/23 10:08*	*04/08/23 17:30*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/06/23 10:08*	*04/08/23 17:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 02:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 02:13	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-012-04.0-NA-P

Lab Sample ID: 880-26580-12
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/01/23 09:47*	*04/03/23 02:13*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/01/23 09:47*	*04/03/23 02:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.6**	**F1**	5.00		mg/Kg			04/08/23 18:29	1

Client Sample ID: CF-013-04.0-NA-P

Lab Sample ID: 880-26580-13
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 17:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 17:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 17:51	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 10:08	04/08/23 17:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 17:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 10:08	04/08/23 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 10:08*	*04/08/23 17:51*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*04/06/23 10:08*	*04/08/23 17:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 02:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 02:34	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/01/23 09:47*	*04/03/23 02:34*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*04/01/23 09:47*	*04/03/23 02:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.7**		5.03		mg/Kg			04/08/23 18:43	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-014-04.0-NA-P

Lab Sample ID: 880-26580-14
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:08	04/08/23 18:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:08	04/08/23 18:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:08	04/08/23 18:11	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 10:08	04/08/23 18:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:08	04/08/23 18:11	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 10:08	04/08/23 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/06/23 10:08*	*04/08/23 18:11*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*04/06/23 10:08*	*04/08/23 18:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 02:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 02:56	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/01/23 09:47*	*04/03/23 02:56*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/01/23 09:47*	*04/03/23 02:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.9**		5.04		mg/Kg			04/08/23 18:48	1

Client Sample ID: CF-015-04.0-NA-P

Lab Sample ID: 880-26580-15
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 18:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 18:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 18:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 18:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 18:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 10:08*	*04/08/23 18:32*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 10:08*	*04/08/23 18:32*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-015-04.0-NA-P

Lab Sample ID: 880-26580-15
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 03:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 03:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/01/23 09:47*	*04/03/23 03:17*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*04/01/23 09:47*	*04/03/23 03:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.6**		5.04		mg/Kg			04/08/23 19:03	1

Client Sample ID: CF-016-04.0-NA-P

Lab Sample ID: 880-26580-16
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 18:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 18:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 18:53	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 18:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 18:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 10:08*	*04/08/23 18:53*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/06/23 10:08*	*04/08/23 18:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 03:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 03:39	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-016-04.0-NA-P

Lab Sample ID: 880-26580-16
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/03/23 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/01/23 09:47*	*04/03/23 03:39*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*04/01/23 09:47*	*04/03/23 03:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.2**		4.99		mg/Kg			04/08/23 19:08	1

Client Sample ID: CF-017-04.0-NA-P

Lab Sample ID: 880-26580-17
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 19:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 19:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 19:13	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 10:08	04/08/23 19:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 19:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 10:08	04/08/23 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/06/23 10:08*	*04/08/23 19:13*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/06/23 10:08*	*04/08/23 19:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/03/23 04:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/03/23 04:01	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/03/23 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/01/23 09:47*	*04/03/23 04:01*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/01/23 09:47*	*04/03/23 04:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.3**		4.97		mg/Kg			04/08/23 19:12	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-018-04.0-NA-P

Lab Sample ID: 880-26580-18
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:08	04/08/23 19:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:08	04/08/23 19:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:08	04/08/23 19:34	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 10:08	04/08/23 19:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:08	04/08/23 19:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 10:08	04/08/23 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 10:08*	*04/08/23 19:34*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*04/06/23 10:08*	*04/08/23 19:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 04:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 04:22	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/01/23 09:47*	*04/03/23 04:22*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/01/23 09:47*	*04/03/23 04:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.9**		4.98		mg/Kg			04/08/23 19:17	1

Client Sample ID: CF-019-04.0-NA-P

Lab Sample ID: 880-26580-19
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:08	04/08/23 19:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:08	04/08/23 19:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:08	04/08/23 19:55	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 10:08	04/08/23 19:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:08	04/08/23 19:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 10:08	04/08/23 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 10:08*	*04/08/23 19:55*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/06/23 10:08*	*04/08/23 19:55*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-019-04.0-NA-P

Lab Sample ID: 880-26580-19
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/03/23 04:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/03/23 04:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/03/23 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/01/23 09:47*	*04/03/23 04:43*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/01/23 09:47*	*04/03/23 04:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.3**		5.05		mg/Kg			04/08/23 19:22	1

Client Sample ID: CF-020-04.0-NA-P

Lab Sample ID: 880-26580-20
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 20:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 20:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 20:16	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 20:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 20:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/06/23 10:08*	*04/08/23 20:16*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/06/23 10:08*	*04/08/23 20:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 05:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 05:04	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-020-04.0-NA-P

Lab Sample ID: 880-26580-20
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/23 09:47	04/03/23 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/01/23 09:47*	*04/03/23 05:04*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*04/01/23 09:47*	*04/03/23 05:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**46.4**		5.02		mg/Kg			04/08/23 19:27	1

Client Sample ID: CF-021-04.0-NA-P

Lab Sample ID: 880-26580-21
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 20:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 20:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 20:36	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 20:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:08	04/08/23 20:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:08	04/08/23 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/06/23 10:08*	*04/08/23 20:36*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 10:08*	*04/08/23 20:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/03/23 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/02/23 21:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/02/23 21:10	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/23 09:47	04/02/23 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/01/23 09:47*	*04/02/23 21:10*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/01/23 09:47*	*04/02/23 21:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.9**	**F1**	4.98		mg/Kg			04/08/23 19:21	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-022-04.0-NA-P

Lab Sample ID: 880-26580-22
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 20:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 20:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 20:39	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 10:13	04/07/23 20:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 20:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 10:13	04/07/23 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/06/23 10:13*	*04/07/23 20:39*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 10:13*	*04/07/23 20:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 10:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 10:50	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/02/23 15:39*	*04/03/23 10:50*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*04/02/23 15:39*	*04/03/23 10:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62.5**		5.03		mg/Kg			04/08/23 19:34	1

Client Sample ID: CF-023-04.0-NA-P

Lab Sample ID: 880-26580-23
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 21:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 21:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 21:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/07/23 21:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 21:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/07/23 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/06/23 10:13*	*04/07/23 21:06*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/06/23 10:13*	*04/07/23 21:06*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-023-04.0-NA-P

Lab Sample ID: 880-26580-23
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 11:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 11:56	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/02/23 15:39*	*04/03/23 11:56*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/02/23 15:39*	*04/03/23 11:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.6**		5.01		mg/Kg			04/08/23 19:39	1

Client Sample ID: CF-024-04.0-NA-P

Lab Sample ID: 880-26580-24
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 21:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 21:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 21:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/07/23 21:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 21:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/07/23 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/06/23 10:13*	*04/07/23 21:32*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/06/23 10:13*	*04/07/23 21:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 12:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 12:18	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-024-04.0-NA-P

Lab Sample ID: 880-26580-24
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/02/23 15:39*	*04/03/23 12:18*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*04/02/23 15:39*	*04/03/23 12:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**68.3**		5.01		mg/Kg			04/08/23 19:43	1

Client Sample ID: CF-025-04.0-NA-P

Lab Sample ID: 880-26580-25
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 21:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 21:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 21:59	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 10:13	04/07/23 21:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 21:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 10:13	04/07/23 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*04/06/23 10:13*	*04/07/23 21:59*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/06/23 10:13*	*04/07/23 21:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 12:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 12:40	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/02/23 15:39*	*04/03/23 12:40*	*1*
o-Terphenyl (Surr)	*75*		*70 - 130*	*04/02/23 15:39*	*04/03/23 12:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.7**		4.97		mg/Kg			04/08/23 19:48	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-026-06.0-NA-P

Lab Sample ID: 880-26580-26
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:13	04/07/23 22:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:13	04/07/23 22:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:13	04/07/23 22:25	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 10:13	04/07/23 22:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:13	04/07/23 22:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 10:13	04/07/23 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/06/23 10:13*	*04/07/23 22:25*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/06/23 10:13*	*04/07/23 22:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 13:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 13:02	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/02/23 15:39*	*04/03/23 13:02*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*04/02/23 15:39*	*04/03/23 13:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.1**		4.95		mg/Kg			04/08/23 20:02	1

Client Sample ID: CF-027-06.0-NA-P

Lab Sample ID: 880-26580-27
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 22:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 22:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 22:51	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 10:13	04/07/23 22:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 22:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 10:13	04/07/23 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/06/23 10:13*	*04/07/23 22:51*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/06/23 10:13*	*04/07/23 22:51*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-027-06.0-NA-P

Lab Sample ID: 880-26580-27
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 13:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 13:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/02/23 15:39*	*04/03/23 13:25*	*1*
o-Terphenyl (Surr)	*75*		*70 - 130*	*04/02/23 15:39*	*04/03/23 13:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.1**		5.04		mg/Kg			04/08/23 20:06	1

Client Sample ID: CF-028-06.0-NA-P

Lab Sample ID: 880-26580-28
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 23:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 23:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 23:17	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/07/23 23:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 23:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/07/23 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/06/23 10:13*	*04/07/23 23:17*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/06/23 10:13*	*04/07/23 23:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 13:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 13:47	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-028-06.0-NA-P

Lab Sample ID: 880-26580-28
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/02/23 15:39*	*04/03/23 13:47*	*1*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*	*04/02/23 15:39*	*04/03/23 13:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.4**		4.99		mg/Kg			04/08/23 20:11	1

Client Sample ID: CF-029-06.0-NA-P

Lab Sample ID: 880-26580-29
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 23:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 23:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 23:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/07/23 23:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/07/23 23:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/07/23 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*04/06/23 10:13*	*04/07/23 23:44*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/06/23 10:13*	*04/07/23 23:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 14:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 14:09	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/02/23 15:39*	*04/03/23 14:09*	*1*
o-Terphenyl (Surr)	*75*		*70 - 130*	*04/02/23 15:39*	*04/03/23 14:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.3**		4.96		mg/Kg			04/08/23 20:15	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-030-06.0-NA-P

Lab Sample ID: 880-26580-30
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 00:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 00:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 00:10	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 10:13	04/08/23 00:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 00:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 10:13	04/08/23 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*04/06/23 10:13*	*04/08/23 00:10*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/06/23 10:13*	*04/08/23 00:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 14:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 14:31	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/02/23 15:39*	*04/03/23 14:31*	*1*
o-Terphenyl (Surr)	*68*	*S1-*	*70 - 130*	*04/02/23 15:39*	*04/03/23 14:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.8**		5.05		mg/Kg			04/08/23 20:20	1

Client Sample ID: CF-031-06.0-NA-P

Lab Sample ID: 880-26580-31
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:13	04/08/23 00:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:13	04/08/23 00:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:13	04/08/23 00:37	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 10:13	04/08/23 00:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:13	04/08/23 00:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 10:13	04/08/23 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/06/23 10:13*	*04/08/23 00:37*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/06/23 10:13*	*04/08/23 00:37*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-031-06.0-NA-P

Lab Sample ID: 880-26580-31
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 14:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 14:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/02/23 15:39*	*04/03/23 14:53*	*1*
o-Terphenyl (Surr)	*69*	*S1-*	*70 - 130*	*04/02/23 15:39*	*04/03/23 14:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.2**	**F1**	5.02		mg/Kg			04/08/23 20:24	1

Client Sample ID: CF-032-06.0-NA-P

Lab Sample ID: 880-26580-32
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/08/23 02:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/08/23 02:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/08/23 02:23	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/08/23 02:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/08/23 02:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/08/23 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/06/23 10:13*	*04/08/23 02:23*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/06/23 10:13*	*04/08/23 02:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 15:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 15:43	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-032-06.0-NA-P

Lab Sample ID: 880-26580-32
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/02/23 15:39*	*04/03/23 15:43*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/02/23 15:39*	*04/03/23 15:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**183**		4.98		mg/Kg			04/08/23 20:38	1

Client Sample ID: CF-033-06.0-NA-P

Lab Sample ID: 880-26580-33
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 02:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 02:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 02:50	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 10:13	04/08/23 02:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 02:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 10:13	04/08/23 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*04/06/23 10:13*	*04/08/23 02:50*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/06/23 10:13*	*04/08/23 02:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 16:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 16:04	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/02/23 15:39*	*04/03/23 16:04*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*04/02/23 15:39*	*04/03/23 16:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**168**		4.97		mg/Kg			04/08/23 20:43	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-034-06.0-NA-P

Lab Sample ID: 880-26580-34
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 10:13	04/08/23 03:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 10:13	04/08/23 03:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 10:13	04/08/23 03:16	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/06/23 10:13	04/08/23 03:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 10:13	04/08/23 03:16	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/06/23 10:13	04/08/23 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/06/23 10:13*	*04/08/23 03:16*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/06/23 10:13*	*04/08/23 03:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 16:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 16:26	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/02/23 15:39*	*04/03/23 16:26*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*04/02/23 15:39*	*04/03/23 16:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94.9**		5.01		mg/Kg			04/08/23 20:56	1

Client Sample ID: CF-035-06.0-NA-P

Lab Sample ID: 880-26580-35
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 03:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 03:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 03:42	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 10:13	04/08/23 03:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 03:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 10:13	04/08/23 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/06/23 10:13*	*04/08/23 03:42*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/06/23 10:13*	*04/08/23 03:42*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-035-06.0-NA-P

Lab Sample ID: 880-26580-35
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 16:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 16:49	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/02/23 15:39	04/03/23 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/02/23 15:39*	*04/03/23 16:49*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/02/23 15:39*	*04/03/23 16:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.9**		5.00		mg/Kg			04/08/23 21:01	1

Client Sample ID: CF-036-06.0-NA-P

Lab Sample ID: 880-26580-36
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:13	04/08/23 04:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:13	04/08/23 04:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:13	04/08/23 04:09	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 10:13	04/08/23 04:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:13	04/08/23 04:09	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 10:13	04/08/23 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*04/06/23 10:13*	*04/08/23 04:09*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/06/23 10:13*	*04/08/23 04:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 17:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 17:10	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-036-06.0-NA-P

Lab Sample ID: 880-26580-36
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*04/02/23 15:39*	*04/03/23 17:10*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*04/02/23 15:39*	*04/03/23 17:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.2**		5.00		mg/Kg			04/08/23 21:05	1

Client Sample ID: CF-037-06.0-NA-P

Lab Sample ID: 880-26580-37
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/08/23 04:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/08/23 04:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/08/23 04:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/08/23 04:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/08/23 04:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/08/23 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/06/23 10:13*	*04/08/23 04:35*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/06/23 10:13*	*04/08/23 04:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 17:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 17:32	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/02/23 15:39*	*04/03/23 17:32*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/02/23 15:39*	*04/03/23 17:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.8**		4.99		mg/Kg			04/08/23 21:10	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-038-06.0-NA-P

Lab Sample ID: 880-26580-38
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/08/23 05:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/08/23 05:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/08/23 05:01	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/08/23 05:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:13	04/08/23 05:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:13	04/08/23 05:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/06/23 10:13*	*04/08/23 05:01*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/06/23 10:13*	*04/08/23 05:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 18:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 18:15	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/02/23 15:39*	*04/03/23 18:15*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*04/02/23 15:39*	*04/03/23 18:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**109**		4.98		mg/Kg			04/08/23 21:14	1

Client Sample ID: CF-039-06.0-NA-P

Lab Sample ID: 880-26580-39
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:13	04/08/23 05:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:13	04/08/23 05:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:13	04/08/23 05:28	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 10:13	04/08/23 05:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:13	04/08/23 05:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 10:13	04/08/23 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/06/23 10:13*	*04/08/23 05:28*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/06/23 10:13*	*04/08/23 05:28*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-039-06.0-NA-P

Lab Sample ID: 880-26580-39
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 17:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 17:53	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/02/23 15:39*	*04/03/23 17:53*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*04/02/23 15:39*	*04/03/23 17:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**68.4**		5.03		mg/Kg			04/08/23 21:19	1

Client Sample ID: CF-040-06.0-NA-P

Lab Sample ID: 880-26580-40
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 05:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 05:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 05:54	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 10:13	04/08/23 05:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/08/23 05:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 10:13	04/08/23 05:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*04/06/23 10:13*	*04/08/23 05:54*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/06/23 10:13*	*04/08/23 05:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 18:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 18:37	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-040-06.0-NA-P

Lab Sample ID: 880-26580-40
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:39	04/03/23 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/02/23 15:39*	*04/03/23 18:37*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/02/23 15:39*	*04/03/23 18:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**217**		4.98		mg/Kg			04/08/23 21:23	1

Client Sample ID: CF-041-06.0-NA-P

Lab Sample ID: 880-26580-41
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:13	04/08/23 06:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:13	04/08/23 06:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:13	04/08/23 06:21	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 10:13	04/08/23 06:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:13	04/08/23 06:21	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 10:13	04/08/23 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*04/06/23 10:13*	*04/08/23 06:21*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 10:13*	*04/08/23 06:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/08/23 09:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 18:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 18:58	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/02/23 15:39*	*04/03/23 18:58*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/02/23 15:39*	*04/03/23 18:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.1**	**F1**	4.96		mg/Kg			04/08/23 20:06	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-042-06.0-NA-P

Lab Sample ID: 880-26580-42
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 10:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 10:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 10:21	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 10:17	04/08/23 10:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 10:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 10:17	04/08/23 10:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/06/23 10:17*	*04/08/23 10:21*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/06/23 10:17*	*04/08/23 10:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/03/23 17:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 10:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 10:50	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/02/23 15:41*	*04/03/23 10:50*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/02/23 15:41*	*04/03/23 10:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.4**		5.01		mg/Kg			04/08/23 20:20	1

Client Sample ID: CF-043-06.0-NA-P

Lab Sample ID: 880-26580-43
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 10:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 10:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 10:48	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 10:17	04/08/23 10:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 10:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 10:17	04/08/23 10:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*04/06/23 10:17*	*04/08/23 10:48*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/06/23 10:17*	*04/08/23 10:48*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-043-06.0-NA-P

Lab Sample ID: 880-26580-43
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/03/23 17:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 11:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 11:56	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*04/02/23 15:41*	*04/03/23 11:56*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/02/23 15:41*	*04/03/23 11:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.2**		5.02		mg/Kg			04/08/23 20:25	1

Client Sample ID: CF-044-06.0-NA-P

Lab Sample ID: 880-26580-44
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 11:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 11:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 11:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 11:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 11:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 11:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/06/23 10:17*	*04/08/23 11:15*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/06/23 10:17*	*04/08/23 11:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/03/23 17:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 12:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 12:18	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-044-06.0-NA-P

Lab Sample ID: 880-26580-44
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*04/02/23 15:41*	*04/03/23 12:18*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/02/23 15:41*	*04/03/23 12:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		5.00		mg/Kg			04/08/23 20:30	1

Client Sample ID: CF-045-06.0-NA-P

Lab Sample ID: 880-26580-45
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 11:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 11:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 11:42	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 10:17	04/08/23 11:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 11:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 10:17	04/08/23 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*04/06/23 10:17*	*04/08/23 11:42*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 10:17*	*04/08/23 11:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/03/23 17:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 12:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 12:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*04/02/23 15:41*	*04/03/23 12:40*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/02/23 15:41*	*04/03/23 12:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**107**		5.00		mg/Kg			04/08/23 20:35	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-046-06.0-NA-P

Lab Sample ID: 880-26580-46
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 12:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 12:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 12:09	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 10:17	04/08/23 12:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 12:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 10:17	04/08/23 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*04/06/23 10:17*	*04/08/23 12:09*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 10:17*	*04/08/23 12:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/03/23 17:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 13:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 13:02	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/02/23 15:41*	*04/03/23 13:02*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*04/02/23 15:41*	*04/03/23 13:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		5.03		mg/Kg			04/08/23 20:49	1

Client Sample ID: CF-047-06.0-NA-P

Lab Sample ID: 880-26580-47
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 12:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 12:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 12:35	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 10:17	04/08/23 12:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 12:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 10:17	04/08/23 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*04/06/23 10:17*	*04/08/23 12:35*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 10:17*	*04/08/23 12:35*	*1*

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-047-06.0-NA-P

Lab Sample ID: 880-26580-47
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/03/23 17:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 13:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 13:25	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/02/23 15:41*	*04/03/23 13:25*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/02/23 15:41*	*04/03/23 13:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**63.8**		4.97		mg/Kg			04/08/23 20:54	1

Client Sample ID: CF-048-06.0-NA-P

Lab Sample ID: 880-26580-48
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 13:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 13:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 13:02	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 10:17	04/08/23 13:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 13:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 10:17	04/08/23 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/06/23 10:17*	*04/08/23 13:02*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/06/23 10:17*	*04/08/23 13:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/03/23 22:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/03/23 22:15	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-048-06.0-NA-P

Lab Sample ID: 880-26580-48
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/03/23 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/03/23 14:51*	*04/03/23 22:15*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/03/23 14:51*	*04/03/23 22:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		4.96		mg/Kg			04/08/23 20:59	1

Client Sample ID: CF-049-06.0-NA-P

Lab Sample ID: 880-26580-49
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 13:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 13:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 13:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 13:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 13:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/06/23 10:17*	*04/08/23 13:28*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/06/23 10:17*	*04/08/23 13:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/03/23 14:51	04/03/23 22:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/03/23 14:51	04/03/23 22:37	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/03/23 14:51	04/03/23 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/03/23 14:51*	*04/03/23 22:37*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*04/03/23 14:51*	*04/03/23 22:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		5.02		mg/Kg			04/08/23 21:04	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-050-06.0-NA-P

Lab Sample ID: 880-26580-50
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 13:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 13:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 13:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 13:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 13:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/06/23 10:17*	*04/08/23 13:54*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/06/23 10:17*	*04/08/23 13:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/03/23 22:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/03/23 22:59	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/03/23 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/03/23 14:51*	*04/03/23 22:59*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/03/23 14:51*	*04/03/23 22:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**342**		5.04		mg/Kg			04/08/23 21:08	1

Client Sample ID: CF-051-06.0-NA-P

Lab Sample ID: 880-26580-51
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 14:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 14:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 14:21	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 10:17	04/08/23 14:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 14:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 10:17	04/08/23 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/06/23 10:17*	*04/08/23 14:21*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 10:17*	*04/08/23 14:21*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-051-06.0-NA-P

Lab Sample ID: 880-26580-51
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/03/23 23:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/03/23 23:21	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/03/23 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/03/23 14:51*	*04/03/23 23:21*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*04/03/23 14:51*	*04/03/23 23:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**371**	**F1**	4.97		mg/Kg			04/08/23 21:13	1

Client Sample ID: CF-052-06.0-NA-P

Lab Sample ID: 880-26580-52
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 16:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 16:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 16:07	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 10:17	04/08/23 16:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 16:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 10:17	04/08/23 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*04/06/23 10:17*	*04/08/23 16:07*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/06/23 10:17*	*04/08/23 16:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/03/23 17:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 15:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 15:43	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-052-06.0-NA-P

Lab Sample ID: 880-26580-52
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*04/02/23 15:41*	*04/03/23 15:43*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/02/23 15:41*	*04/03/23 15:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**136**		5.04		mg/Kg			04/08/23 21:28	1

Client Sample ID: CF-053-00.3-NA-P

Lab Sample ID: 880-26580-53
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 16:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 16:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 16:33	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 16:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 16:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*04/06/23 10:17*	*04/08/23 16:33*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/06/23 10:17*	*04/08/23 16:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/03/23 17:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 16:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 16:04	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/02/23 15:41*	*04/03/23 16:04*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/02/23 15:41*	*04/03/23 16:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		5.05		mg/Kg			04/08/23 21:33	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-054-00.3-NA-P

Lab Sample ID: 880-26580-54
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 17:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 17:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 17:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 17:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 17:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*04/06/23 10:17*	*04/08/23 17:00*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/06/23 10:17*	*04/08/23 17:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/03/23 17:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 16:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 16:26	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*04/02/23 15:41*	*04/03/23 16:26*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/02/23 15:41*	*04/03/23 16:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.4**		4.99		mg/Kg			04/08/23 21:47	1

Client Sample ID: CF-055-00.3-NA-P

Lab Sample ID: 880-26580-55
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 17:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 17:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 17:27	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 10:17	04/08/23 17:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 17:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 10:17	04/08/23 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*04/06/23 10:17*	*04/08/23 17:27*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*04/06/23 10:17*	*04/08/23 17:27*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-055-00.3-NA-P

Lab Sample ID: 880-26580-55
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/03/23 17:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 16:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 16:49	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/02/23 15:41*	*04/03/23 16:49*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/02/23 15:41*	*04/03/23 16:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**325**		4.96		mg/Kg			04/08/23 21:52	1

Client Sample ID: CF-056-00.3-NA-P

Lab Sample ID: 880-26580-56
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 17:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 17:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 17:53	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 10:17	04/08/23 17:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 10:17	04/08/23 17:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 10:17	04/08/23 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*04/06/23 10:17*	*04/08/23 17:53*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*04/06/23 10:17*	*04/08/23 17:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/03/23 17:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/02/23 15:41	04/03/23 17:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/02/23 15:41	04/03/23 17:10	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-056-00.3-NA-P

Lab Sample ID: 880-26580-56
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/02/23 15:41	04/03/23 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/02/23 15:41*	*04/03/23 17:10*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/02/23 15:41*	*04/03/23 17:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**223**		5.02		mg/Kg			04/08/23 21:57	1

Client Sample ID: CF-057-00.3-NA-P

Lab Sample ID: 880-26580-57
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 18:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 18:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 18:20	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 10:17	04/08/23 18:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 18:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 10:17	04/08/23 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*04/06/23 10:17*	*04/08/23 18:20*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 10:17*	*04/08/23 18:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/03/23 17:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 17:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 17:32	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/02/23 15:41*	*04/03/23 17:32*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*04/02/23 15:41*	*04/03/23 17:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**214**		4.95		mg/Kg			04/08/23 22:02	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-058-00.3-NA-P

Lab Sample ID: 880-26580-58
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 18:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 18:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 18:46	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 18:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 18:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/06/23 10:17*	*04/08/23 18:46*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*04/06/23 10:17*	*04/08/23 18:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 10:02	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 17:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 17:53	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*04/02/23 15:41*	*04/03/23 17:53*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/02/23 15:41*	*04/03/23 17:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.3**		4.95		mg/Kg			04/08/23 22:06	1

Client Sample ID: CF-059-00.3-NA-P

Lab Sample ID: 880-26580-59
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:17	04/08/23 19:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:17	04/08/23 19:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:17	04/08/23 19:13	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 10:17	04/08/23 19:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 10:17	04/08/23 19:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 10:17	04/08/23 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*04/06/23 10:17*	*04/08/23 19:13*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 10:17*	*04/08/23 19:13*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-059-00.3-NA-P

Lab Sample ID: 880-26580-59
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 10:02	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 18:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 18:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/02/23 15:41*	*04/03/23 18:15*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/02/23 15:41*	*04/03/23 18:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		5.04		mg/Kg			04/08/23 22:11	1

Client Sample ID: CF-060-00.3-NA-P

Lab Sample ID: 880-26580-60
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 19:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 19:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 19:39	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 19:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 10:17	04/08/23 19:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 10:17	04/08/23 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*04/06/23 10:17*	*04/08/23 19:39*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 10:17*	*04/08/23 19:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 10:02	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 18:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 18:37	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-060-00.3-NA-P

Lab Sample ID: 880-26580-60
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/02/23 15:41	04/03/23 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/02/23 15:41*	*04/03/23 18:37*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*04/02/23 15:41*	*04/03/23 18:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**60.3**		5.05		mg/Kg			04/08/23 22:16	1

Client Sample ID: CF-061-00.3-NA-P

Lab Sample ID: 880-26580-61
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 08:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 08:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 08:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/05/23 16:50	04/07/23 08:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 08:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/05/23 16:50	04/07/23 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/05/23 16:50*	*04/07/23 08:25*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/05/23 16:50*	*04/07/23 08:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/07/23 18:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/04/23 10:02	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 18:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 18:58	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*04/02/23 15:41*	*04/03/23 18:58*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*04/02/23 15:41*	*04/03/23 18:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.2**	**F1**	4.96		mg/Kg			04/09/23 12:21	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-062-00.3-NA-P

Lab Sample ID: 880-26580-62
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 08:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 08:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 08:45	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/05/23 16:50	04/07/23 08:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 08:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/05/23 16:50	04/07/23 08:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/05/23 16:50*	*04/07/23 08:45*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/05/23 16:50*	*04/07/23 08:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/07/23 18:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/03/23 14:51	04/03/23 23:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/03/23 14:51	04/03/23 23:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/03/23 14:51	04/03/23 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/03/23 14:51*	*04/03/23 23:43*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/03/23 14:51*	*04/03/23 23:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.6**		5.04		mg/Kg			04/09/23 12:34	1

Client Sample ID: CF-063-00.3-NA-P

Lab Sample ID: 880-26580-63
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/05/23 16:50	04/07/23 09:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/05/23 16:50	04/07/23 09:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/05/23 16:50	04/07/23 09:06	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/05/23 16:50	04/07/23 09:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/05/23 16:50	04/07/23 09:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/05/23 16:50	04/07/23 09:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/05/23 16:50*	*04/07/23 09:06*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/05/23 16:50*	*04/07/23 09:06*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-063-00.3-NA-P

Lab Sample ID: 880-26580-63
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/07/23 18:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/03/23 14:51	04/04/23 00:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/03/23 14:51	04/04/23 00:04	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/03/23 14:51	04/04/23 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/03/23 14:51*	*04/04/23 00:04*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/03/23 14:51*	*04/04/23 00:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.6**		4.98		mg/Kg			04/09/23 12:39	1

Client Sample ID: CF-065-00.3-NA-P

Lab Sample ID: 880-26580-65
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 09:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 09:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 09:26	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/05/23 16:50	04/07/23 09:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 09:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/05/23 16:50	04/07/23 09:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/05/23 16:50*	*04/07/23 09:26*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/05/23 16:50*	*04/07/23 09:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/07/23 18:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/03/23 14:51	04/04/23 00:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/03/23 14:51	04/04/23 00:26	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-065-00.3-NA-P

Lab Sample ID: 880-26580-65
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/03/23 14:51	04/04/23 00:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/03/23 14:51*	*04/04/23 00:26*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*04/03/23 14:51*	*04/04/23 00:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**168**		5.00		mg/Kg			04/09/23 12:43	1

Client Sample ID: CF-066-00.3-NA-P

Lab Sample ID: 880-26580-66
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 09:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 09:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 09:47	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/05/23 16:50	04/07/23 09:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 09:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/05/23 16:50	04/07/23 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/05/23 16:50*	*04/07/23 09:47*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/05/23 16:50*	*04/07/23 09:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/07/23 18:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/04/23 00:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/04/23 00:47	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/04/23 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/03/23 14:51*	*04/04/23 00:47*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/03/23 14:51*	*04/04/23 00:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**191**		5.01		mg/Kg			04/09/23 12:48	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-067-00.3-NA-P

Lab Sample ID: 880-26580-67
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 10:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 10:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 10:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/05/23 16:50	04/07/23 10:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 10:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/05/23 16:50	04/07/23 10:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/05/23 16:50*	*04/07/23 10:07*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/05/23 16:50*	*04/07/23 10:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/07/23 18:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/03/23 14:51	04/04/23 01:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/03/23 14:51	04/04/23 01:29	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/03/23 14:51	04/04/23 01:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/03/23 14:51*	*04/04/23 01:29*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/03/23 14:51*	*04/04/23 01:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.0**		5.02		mg/Kg			04/09/23 13:02	1

Client Sample ID: CF-068-00.3-NA-P

Lab Sample ID: 880-26580-68
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 10:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 10:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 10:27	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/05/23 16:50	04/07/23 10:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 10:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/05/23 16:50	04/07/23 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/05/23 16:50*	*04/07/23 10:27*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/05/23 16:50*	*04/07/23 10:27*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-068-00.3-NA-P

Lab Sample ID: 880-26580-68
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/07/23 18:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/03/23 14:51	04/04/23 01:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/03/23 14:51	04/04/23 01:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/03/23 14:51	04/04/23 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/03/23 14:51*	*04/04/23 01:50*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*04/03/23 14:51*	*04/04/23 01:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		4.98		mg/Kg			04/09/23 13:06	1

Client Sample ID: CF-070-00.3-NA-P

Lab Sample ID: 880-26580-70
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/05/23 16:50	04/07/23 10:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/05/23 16:50	04/07/23 10:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/05/23 16:50	04/07/23 10:48	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/05/23 16:50	04/07/23 10:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/05/23 16:50	04/07/23 10:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/05/23 16:50	04/07/23 10:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/05/23 16:50*	*04/07/23 10:48*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/05/23 16:50*	*04/07/23 10:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/07/23 18:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/04/23 02:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/04/23 02:11	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-070-00.3-NA-P

Lab Sample ID: 880-26580-70
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/04/23 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/03/23 14:51*	*04/04/23 02:11*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/03/23 14:51*	*04/04/23 02:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**171**		4.97		mg/Kg			04/09/23 13:11	1

Client Sample ID: CF-071-00.3-NA-P

Lab Sample ID: 880-26580-71
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/05/23 16:50	04/07/23 11:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/05/23 16:50	04/07/23 11:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/05/23 16:50	04/07/23 11:08	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/05/23 16:50	04/07/23 11:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/05/23 16:50	04/07/23 11:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/05/23 16:50	04/07/23 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/05/23 16:50*	*04/07/23 11:08*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/05/23 16:50*	*04/07/23 11:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/07/23 18:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/03/23 14:51	04/04/23 02:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/03/23 14:51	04/04/23 02:32	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/03/23 14:51	04/04/23 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/03/23 14:51*	*04/04/23 02:32*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/03/23 14:51*	*04/04/23 02:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		5.03		mg/Kg			04/09/23 13:15	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-072-00.3-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-72

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 11:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 11:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 11:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/05/23 16:50	04/07/23 11:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/05/23 16:50	04/07/23 11:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/05/23 16:50	04/07/23 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/05/23 16:50*	*04/07/23 11:29*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/05/23 16:50*	*04/07/23 11:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/07/23 18:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/04/23 09:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/03/23 14:51	04/04/23 02:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/03/23 14:51	04/04/23 02:54	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/03/23 14:51	04/04/23 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/03/23 14:51*	*04/04/23 02:54*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/03/23 14:51*	*04/04/23 02:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**212**		5.05		mg/Kg			04/09/23 13:20	1

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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)										
880-26580-1	CF-001-04.0-NA-P	104	101										
880-26580-1 MS	CF-001-04.0-NA-P	106	98										
880-26580-1 MSD	CF-001-04.0-NA-P	106	99										
880-26580-2	CF-002-04.0-NA-P	105	111										
880-26580-3	CF-003-04.0-NA-P	108	113										
880-26580-4	CF-004-04.0-NA-P	106	108										
880-26580-5	CF-005-04.0-NA-P	112	113										
880-26580-6	CF-006-04.0-NA-P	119	111										
880-26580-7	CF-007-04.0-NA-P	115	105										
880-26580-9	CF-009-04.0-NA-P	112	106										
880-26580-10	CF-010-04.0-NA-P	112	110										
880-26580-11	CF-011-04.0-NA-P	107	103										
880-26580-12	CF-012-04.0-NA-P	92	98										
880-26580-13	CF-013-04.0-NA-P	106	113										
880-26580-14	CF-014-04.0-NA-P	116	114										
880-26580-15	CF-015-04.0-NA-P	104	106										
880-26580-16	CF-016-04.0-NA-P	104	110										
880-26580-17	CF-017-04.0-NA-P	119	102										
880-26580-18	CF-018-04.0-NA-P	106	115										
880-26580-19	CF-019-04.0-NA-P	103	109										
880-26580-20	CF-020-04.0-NA-P	100	89										
880-26580-21	CF-021-04.0-NA-P	120	103										
880-26580-22	CF-022-04.0-NA-P	111	81										
880-26580-22 MS	CF-022-04.0-NA-P	112	98										
880-26580-22 MSD	CF-022-04.0-NA-P	115	95										
880-26580-23	CF-023-04.0-NA-P	111	88										
880-26580-24	CF-024-04.0-NA-P	117	90										
880-26580-25	CF-025-04.0-NA-P	121	91										
880-26580-26	CF-026-06.0-NA-P	112	88										
880-26580-27	CF-027-06.0-NA-P	115	84										
880-26580-28	CF-028-06.0-NA-P	111	86										
880-26580-29	CF-029-06.0-NA-P	118	85										
880-26580-30	CF-030-06.0-NA-P	118	88										
880-26580-31	CF-031-06.0-NA-P	117	89										
880-26580-32	CF-032-06.0-NA-P	115	78										
880-26580-33	CF-033-06.0-NA-P	123	89										
880-26580-34	CF-034-06.0-NA-P	119	90										
880-26580-35	CF-035-06.0-NA-P	122	86										
880-26580-36	CF-036-06.0-NA-P	133 S1+	82										
880-26580-37	CF-037-06.0-NA-P	110	88										
880-26580-38	CF-038-06.0-NA-P	114	98										
880-26580-39	CF-039-06.0-NA-P	116	89										
880-26580-40	CF-040-06.0-NA-P	121	88										
880-26580-41	CF-041-06.0-NA-P	126	80										
880-26580-42	CF-042-06.0-NA-P	112	73										
880-26580-42 MS	CF-042-06.0-NA-P	121	82										
880-26580-42 MSD	CF-042-06.0-NA-P	121	106										
880-26580-43	CF-043-06.0-NA-P	121	84										
880-26580-44	CF-044-06.0-NA-P	122	87										

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-26580-45	CF-045-06.0-NA-P	131 S1+	80
880-26580-46	CF-046-06.0-NA-P	123	81
880-26580-47	CF-047-06.0-NA-P	124	81
880-26580-48	CF-048-06.0-NA-P	116	87
880-26580-49	CF-049-06.0-NA-P	116	83
880-26580-50	CF-050-06.0-NA-P	129	82
880-26580-51	CF-051-06.0-NA-P	120	81
880-26580-52	CF-052-06.0-NA-P	123	83
880-26580-53	CF-053-00.3-NA-P	126	84
880-26580-54	CF-054-00.3-NA-P	130	89
880-26580-55	CF-055-00.3-NA-P	125	70
880-26580-56	CF-056-00.3-NA-P	126	75
880-26580-57	CF-057-00.3-NA-P	125	81
880-26580-58	CF-058-00.3-NA-P	116	70
880-26580-59	CF-059-00.3-NA-P	121	80
880-26580-60	CF-060-00.3-NA-P	127	81
880-26580-61	CF-061-00.3-NA-P	101	107
880-26580-62	CF-062-00.3-NA-P	122	110
880-26580-63	CF-063-00.3-NA-P	107	105
880-26580-65	CF-065-00.3-NA-P	109	108
880-26580-66	CF-066-00.3-NA-P	102	105
880-26580-67	CF-067-00.3-NA-P	95	89
880-26580-68	CF-068-00.3-NA-P	106	103
880-26580-70	CF-070-00.3-NA-P	103	109
880-26580-71	CF-071-00.3-NA-P	105	106
880-26580-72	CF-072-00.3-NA-P	103	110
LCS 880-50431/1-A	Lab Control Sample	96	110
LCS 880-50478/1-A	Lab Control Sample	97	104
LCS 880-50479/1-A	Lab Control Sample	103	97
LCS 880-50481/1-A	Lab Control Sample	108	102
LCSD 880-50431/2-A	Lab Control Sample Dup	100	112
LCSD 880-50478/2-A	Lab Control Sample Dup	100	101
LCSD 880-50479/2-A	Lab Control Sample Dup	105	96
LCSD 880-50481/2-A	Lab Control Sample Dup	116	73
MB 880-50258/5-A	Method Blank	98	90
MB 880-50430/5-A	Method Blank	68 S1-	84
MB 880-50431/5-A	Method Blank	90	97
MB 880-50478/5-A	Method Blank	99	91
MB 880-50479/5-A	Method Blank	69 S1-	83
MB 880-50481/5-A	Method Blank	73	82
MB 880-50512/8	Method Blank	92	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
880-26580-1	CF-001-04.0-NA-P	103	118								
880-26580-2	CF-002-04.0-NA-P	87	103								
880-26580-3	CF-003-04.0-NA-P	114	129								
880-26580-4	CF-004-04.0-NA-P	99	117								
880-26580-5	CF-005-04.0-NA-P	94	117								
880-26580-6	CF-006-04.0-NA-P	95	112								
880-26580-7	CF-007-04.0-NA-P	107	122								
880-26580-9	CF-009-04.0-NA-P	96	113								
880-26580-10	CF-010-04.0-NA-P	92	109								
880-26580-11	CF-011-04.0-NA-P	93	113								
880-26580-12	CF-012-04.0-NA-P	96	118								
880-26580-13	CF-013-04.0-NA-P	100	121								
880-26580-14	CF-014-04.0-NA-P	93	112								
880-26580-15	CF-015-04.0-NA-P	108	122								
880-26580-16	CF-016-04.0-NA-P	110	128								
880-26580-17	CF-017-04.0-NA-P	90	109								
880-26580-18	CF-018-04.0-NA-P	94	113								
880-26580-19	CF-019-04.0-NA-P	93	113								
880-26580-20	CF-020-04.0-NA-P	100	121								
880-26580-21	CF-021-04.0-NA-P	94	117								
880-26580-21 MS	CF-021-04.0-NA-P	105	113								
880-26580-21 MSD	CF-021-04.0-NA-P	97	99								
880-26580-22	CF-022-04.0-NA-P	93	70								
880-26580-22 MS	CF-022-04.0-NA-P	103	66 S1-								
880-26580-22 MSD	CF-022-04.0-NA-P	100	68 S1-								
880-26580-23	CF-023-04.0-NA-P	102	80								
880-26580-24	CF-024-04.0-NA-P	106	83								
880-26580-25	CF-025-04.0-NA-P	101	75								
880-26580-26	CF-026-06.0-NA-P	90	66 S1-								
880-26580-27	CF-027-06.0-NA-P	96	75								
880-26580-28	CF-028-06.0-NA-P	87	67 S1-								
880-26580-29	CF-029-06.0-NA-P	101	75								
880-26580-30	CF-030-06.0-NA-P	93	68 S1-								
880-26580-31	CF-031-06.0-NA-P	94	69 S1-								
880-26580-32	CF-032-06.0-NA-P	108	86								
880-26580-33	CF-033-06.0-NA-P	94	70								
880-26580-34	CF-034-06.0-NA-P	104	83								
880-26580-35	CF-035-06.0-NA-P	102	80								
880-26580-36	CF-036-06.0-NA-P	85	66 S1-								
880-26580-37	CF-037-06.0-NA-P	111	92								
880-26580-38	CF-038-06.0-NA-P	98	76								
880-26580-39	CF-039-06.0-NA-P	95	70								
880-26580-40	CF-040-06.0-NA-P	111	88								
880-26580-41	CF-041-06.0-NA-P	108	84								
880-26580-42	CF-042-06.0-NA-P	92	102								
880-26580-42 MS	CF-042-06.0-NA-P	108	108								
880-26580-42 MSD	CF-042-06.0-NA-P	89	88								
880-26580-43	CF-043-06.0-NA-P	82	89								
880-26580-44	CF-044-06.0-NA-P	82	89								
880-26580-45	CF-045-06.0-NA-P	82	90								

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
880-26580-46	CF-046-06.0-NA-P	77	83								
880-26580-47	CF-047-06.0-NA-P	100	105								
880-26580-48	CF-048-06.0-NA-P	100	77								
880-26580-49	CF-049-06.0-NA-P	92	70								
880-26580-50	CF-050-06.0-NA-P	108	86								
880-26580-51	CF-051-06.0-NA-P	90	71								
880-26580-52	CF-052-06.0-NA-P	79	85								
880-26580-53	CF-053-00.3-NA-P	81	88								
880-26580-54	CF-054-00.3-NA-P	91	95								
880-26580-55	CF-055-00.3-NA-P	78	88								
880-26580-56	CF-056-00.3-NA-P	87	95								
880-26580-57	CF-057-00.3-NA-P	78	83								
880-26580-58	CF-058-00.3-NA-P	76	84								
880-26580-59	CF-059-00.3-NA-P	77	84								
880-26580-60	CF-060-00.3-NA-P	75	81								
880-26580-61	CF-061-00.3-NA-P	74	82								
880-26580-62	CF-062-00.3-NA-P	108	89								
880-26580-63	CF-063-00.3-NA-P	107	87								
880-26580-65	CF-065-00.3-NA-P	93	76								
880-26580-66	CF-066-00.3-NA-P	98	77								
880-26580-67	CF-067-00.3-NA-P	106	89								
880-26580-68	CF-068-00.3-NA-P	96	74								
880-26580-70	CF-070-00.3-NA-P	110	93								
880-26580-71	CF-071-00.3-NA-P	110	90								
880-26580-72	CF-072-00.3-NA-P	109	88								
LCS 880-50088/2-A	Lab Control Sample	114	135 S1+								
LCS 880-50097/2-A	Lab Control Sample	124	98								
LCS 880-50098/2-A	Lab Control Sample	101	115								
LCS 880-50213/2-A	Lab Control Sample	126	93								
LCSD 880-50088/3-A	Lab Control Sample Dup	108	133 S1+								
LCSD 880-50097/3-A	Lab Control Sample Dup	99	74								
LCSD 880-50098/3-A	Lab Control Sample Dup	101	118								
LCSD 880-50213/3-A	Lab Control Sample Dup	103	76								
MB 880-50088/1-A	Method Blank	128	159 S1+								
MB 880-50097/1-A	Method Blank	124	100								
MB 880-50098/1-A	Method Blank	130	147 S1+								
MB 880-50213/1-A	Method Blank	121	102								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-50258/5-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50258

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/03/23 16:39	04/08/23 01:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/03/23 16:39	04/08/23 01:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/03/23 16:39	04/08/23 01:34	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/03/23 16:39	04/08/23 01:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/03/23 16:39	04/08/23 01:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/03/23 16:39	04/08/23 01:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/03/23 16:39*	*04/08/23 01:34*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/03/23 16:39*	*04/08/23 01:34*	*1*

Lab Sample ID: MB 880-50430/5-A
Matrix: Solid
Analysis Batch: 50521

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50430

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:48	04/07/23 05:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:48	04/07/23 05:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:48	04/07/23 05:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/05/23 16:48	04/07/23 05:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:48	04/07/23 05:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/05/23 16:48	04/07/23 05:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*04/05/23 16:48*	*04/07/23 05:35*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/05/23 16:48*	*04/07/23 05:35*	*1*

Lab Sample ID: MB 880-50431/5-A
Matrix: Solid
Analysis Batch: 50512

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50431

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 01:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 01:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 01:57	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/05/23 16:50	04/07/23 01:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/23 16:50	04/07/23 01:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/05/23 16:50	04/07/23 01:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*04/05/23 16:50*	*04/07/23 01:57*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/05/23 16:50*	*04/07/23 01:57*	*1*

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Lab Sample ID: LCS 880-50431/1-A
Matrix: Solid
Analysis Batch: 50512

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50431

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1002		mg/Kg		100	70 - 130		
Toluene			0.100	0.09691		mg/Kg		97	70 - 130		
Ethylbenzene			0.100	0.08430		mg/Kg		84	70 - 130		
m,p-Xylenes			0.200	0.1660		mg/Kg		83	70 - 130		
o-Xylene			0.100	0.08517		mg/Kg		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 880-50431/2-A
Matrix: Solid
Analysis Batch: 50512

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50431

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1022		mg/Kg		102	70 - 130	2	35
Toluene			0.100	0.1007		mg/Kg		101	70 - 130	4	35
Ethylbenzene			0.100	0.08698		mg/Kg		87	70 - 130	3	35
m,p-Xylenes			0.200	0.1715		mg/Kg		86	70 - 130	3	35
o-Xylene			0.100	0.08833		mg/Kg		88	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: MB 880-50478/5-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50478

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 12:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 12:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 12:18	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 10:08	04/08/23 12:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 12:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 10:08	04/08/23 12:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/06/23 10:08*	*04/08/23 12:18*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/06/23 10:08*	*04/08/23 12:18*	*1*

Lab Sample ID: LCS 880-50478/1-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50478

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09240		mg/Kg		92	70 - 130		
Toluene			0.100	0.09115		mg/Kg		91	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Lab Sample ID: LCS 880-50478/1-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50478

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylbenzene			0.100	0.09167		mg/Kg		92	70 - 130		
m,p-Xylenes			0.200	0.1841		mg/Kg		92	70 - 130		
o-Xylene			0.100	0.08379		mg/Kg		84	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-50478/2-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50478

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1023		mg/Kg		102	70 - 130	10	35
Toluene			0.100	0.1026		mg/Kg		103	70 - 130	12	35
Ethylbenzene			0.100	0.1028		mg/Kg		103	70 - 130	11	35
m,p-Xylenes			0.200	0.2068		mg/Kg		103	70 - 130	12	35
o-Xylene			0.100	0.09326		mg/Kg		93	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-26580-1 MS
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: CF-001-04.0-NA-P
Prep Type: Total/NA
Prep Batch: 50478

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00198	U	0.0998	0.08914		mg/Kg		89	70 - 130		
Toluene	<0.00198	U	0.0998	0.08618		mg/Kg		86	70 - 130		
Ethylbenzene	<0.00198	U	0.0998	0.08646		mg/Kg		87	70 - 130		
m,p-Xylenes	<0.00396	U	0.200	0.1678		mg/Kg		84	70 - 130		
o-Xylene	<0.00198	U	0.0998	0.07806		mg/Kg		78	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-26580-1 MSD
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: CF-001-04.0-NA-P
Prep Type: Total/NA
Prep Batch: 50478

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.09112		mg/Kg		91	70 - 130	2	35
Toluene	<0.00198	U	0.100	0.08693		mg/Kg		87	70 - 130	1	35
Ethylbenzene	<0.00198	U	0.100	0.08674		mg/Kg		87	70 - 130	0	35
m,p-Xylenes	<0.00396	U	0.200	0.1683		mg/Kg		84	70 - 130	0	35
o-Xylene	<0.00198	U	0.100	0.07781		mg/Kg		78	70 - 130	0	35

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-50479/5-A
Matrix: Solid
Analysis Batch: 50521

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50479

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 20:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 20:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 20:13	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 10:13	04/07/23 20:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:13	04/07/23 20:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 10:13	04/07/23 20:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	04/06/23 10:13	04/07/23 20:13	1
1,4-Difluorobenzene (Surr)	83		70 - 130	04/06/23 10:13	04/07/23 20:13	1

Lab Sample ID: LCS 880-50479/1-A
Matrix: Solid
Analysis Batch: 50521

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50479

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1065		mg/Kg		107	70 - 130		
Toluene			0.100	0.1103		mg/Kg		110	70 - 130		
Ethylbenzene			0.100	0.1060		mg/Kg		106	70 - 130		
m,p-Xylenes			0.200	0.2056		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1049		mg/Kg		105	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-50479/2-A
Matrix: Solid
Analysis Batch: 50521

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50479

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1122		mg/Kg		112	70 - 130	5	35
Toluene			0.100	0.1163		mg/Kg		116	70 - 130	5	35
Ethylbenzene			0.100	0.1114		mg/Kg		111	70 - 130	5	35
m,p-Xylenes			0.200	0.2177		mg/Kg		109	70 - 130	6	35
o-Xylene			0.100	0.1121		mg/Kg		112	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Lab Sample ID: 880-26580-22 MS
Matrix: Solid
Analysis Batch: 50521

Client Sample ID: CF-022-04.0-NA-P
Prep Type: Total/NA
Prep Batch: 50479

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.08908		mg/Kg		89	70 - 130
Toluene	<0.00200	U	0.0998	0.08774		mg/Kg		88	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.08161		mg/Kg		82	70 - 130
m,p-Xylenes	<0.00401	U	0.200	0.1557		mg/Kg		78	70 - 130
o-Xylene	<0.00200	U	0.0998	0.08261		mg/Kg		83	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-26580-22 MSD
Matrix: Solid
Analysis Batch: 50521

Client Sample ID: CF-022-04.0-NA-P
Prep Type: Total/NA
Prep Batch: 50479

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.08675		mg/Kg		88	70 - 130	3	35
Toluene	<0.00200	U	0.0990	0.08325		mg/Kg		84	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.0990	0.07680		mg/Kg		78	70 - 130	6	35
m,p-Xylenes	<0.00401	U	0.198	0.1450		mg/Kg		73	70 - 130	7	35
o-Xylene	<0.00200	U	0.0990	0.07713		mg/Kg		78	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 880-50481/5-A
Matrix: Solid
Analysis Batch: 50521

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50481

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 09:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 09:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 09:55	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 10:17	04/08/23 09:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:17	04/08/23 09:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 10:17	04/08/23 09:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*70 - 130*	*04/06/23 10:17*	*04/08/23 09:55*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/06/23 10:17*	*04/08/23 09:55*	*1*

Lab Sample ID: LCS 880-50481/1-A
Matrix: Solid
Analysis Batch: 50521

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50481

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene			0.100	0.1104		mg/Kg		110	70 - 130
Toluene			0.100	0.1167		mg/Kg		117	70 - 130

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QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Lab Sample ID: LCS 880-50481/1-A
Matrix: Solid
Analysis Batch: 50521

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50481

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylbenzene			0.100	0.1072		mg/Kg		107	70 - 130		
m,p-Xylenes			0.200	0.2123		mg/Kg		106	70 - 130		
o-Xylene			0.100	0.1108		mg/Kg		111	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-50481/2-A
Matrix: Solid
Analysis Batch: 50521

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50481

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1039		mg/Kg		104	70 - 130	6	35
Toluene			0.100	0.1102		mg/Kg		110	70 - 130	6	35
Ethylbenzene			0.100	0.1029		mg/Kg		103	70 - 130	4	35
m,p-Xylenes			0.200	0.2008		mg/Kg		100	70 - 130	6	35
o-Xylene			0.100	0.1057		mg/Kg		106	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*

Lab Sample ID: 880-26580-42 MS
Matrix: Solid
Analysis Batch: 50521

Client Sample ID: CF-042-06.0-NA-P
Prep Type: Total/NA
Prep Batch: 50481

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09577		mg/Kg		96	70 - 130		
Toluene	<0.00200	U	0.100	0.09647		mg/Kg		96	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09129		mg/Kg		91	70 - 130		
m,p-Xylenes	<0.00399	U	0.200	0.1755		mg/Kg		88	70 - 130		
o-Xylene	<0.00200	U	0.100	0.09287		mg/Kg		93	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*

Lab Sample ID: 880-26580-42 MSD
Matrix: Solid
Analysis Batch: 50521

Client Sample ID: CF-042-06.0-NA-P
Prep Type: Total/NA
Prep Batch: 50481

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09272		mg/Kg		94	70 - 130	3	35
Toluene	<0.00200	U	0.0990	0.08929		mg/Kg		90	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.0990	0.08728		mg/Kg		88	70 - 130	4	35
m,p-Xylenes	<0.00399	U	0.198	0.1686		mg/Kg		85	70 - 130	4	35
o-Xylene	<0.00200	U	0.0990	0.09050		mg/Kg		91	70 - 130	3	35

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

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

Lab Sample ID: MB 880-50512/8
Matrix: Solid
Analysis Batch: 50512

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			04/06/23 14:21	1
Toluene	<0.00200	U	0.00200		mg/Kg			04/06/23 14:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			04/06/23 14:21	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg			04/06/23 14:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			04/06/23 14:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			04/06/23 14:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130		04/06/23 14:21	1
1,4-Difluorobenzene (Surr)	99		70 - 130		04/06/23 14:21	1

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

Lab Sample ID: MB 880-50088/1-A
Matrix: Solid
Analysis Batch: 50091

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/02/23 20:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/02/23 20:04	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/23 09:47	04/02/23 20:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	128		70 - 130	04/01/23 09:47	04/02/23 20:04	1
o-Terphenyl (Surr)	159	S1+	70 - 130	04/01/23 09:47	04/02/23 20:04	1

Lab Sample ID: LCS 880-50088/2-A
Matrix: Solid
Analysis Batch: 50091

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1003		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	959.8		mg/Kg		96	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	135	S1+	70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Lab Sample ID: LCSD 880-50088/3-A
Matrix: Solid
Analysis Batch: 50091

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	961.4		mg/Kg		96	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	920.7		mg/Kg		92	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*108*		*70 - 130*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*

Lab Sample ID: 880-26580-21 MS
Matrix: Solid
Analysis Batch: 50091

Client Sample ID: CF-021-04.0-NA-P
Prep Type: Total/NA
Prep Batch: 50088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	932.2		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1219		mg/Kg		122	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*105*		*70 - 130*
o-Terphenyl (Surr)	*113*		*70 - 130*

Lab Sample ID: 880-26580-21 MSD
Matrix: Solid
Analysis Batch: 50091

Client Sample ID: CF-021-04.0-NA-P
Prep Type: Total/NA
Prep Batch: 50088

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	836.1		mg/Kg		80	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1101		mg/Kg		110	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*97*		*70 - 130*
o-Terphenyl (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-50097/1-A
Matrix: Solid
Analysis Batch: 50112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50097

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 08:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 08:16	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:39	04/03/23 08:16	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Lab Sample ID: MB 880-50097/1-A
Matrix: Solid
Analysis Batch: 50112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50097

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	124		70 - 130	04/02/23 15:39	04/03/23 08:16	1
o-Terphenyl (Surr)	100		70 - 130	04/02/23 15:39	04/03/23 08:16	1

Lab Sample ID: LCS 880-50097/2-A
Matrix: Solid
Analysis Batch: 50112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50097

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	856.6		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	937.3		mg/Kg		94	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	124		70 - 130
o-Terphenyl (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-50097/3-A
Matrix: Solid
Analysis Batch: 50112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50097

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	945.0		mg/Kg		95	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	984.9		mg/Kg		98	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	74		70 - 130

Lab Sample ID: 880-26580-22 MS
Matrix: Solid
Analysis Batch: 50112

Client Sample ID: CF-022-04.0-NA-P
Prep Type: Total/NA
Prep Batch: 50097

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1235		mg/Kg		120	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	912.6		mg/Kg		91	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	66	S1-	70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Lab Sample ID: 880-26580-22 MSD — **Client Sample ID: CF-022-04.0-NA-P**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50112 — **Prep Batch: 50097**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1077		mg/Kg		104	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	914.4		mg/Kg		92	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*100*		*70 - 130*
o-Terphenyl (Surr)	*68*	*S1-*	*70 - 130*

Lab Sample ID: MB 880-50098/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50110 — **Prep Batch: 50098**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 08:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 08:16	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/23 15:41	04/03/23 08:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*130*		*70 - 130*	*04/02/23 15:41*	*04/03/23 08:16*	*1*
o-Terphenyl (Surr)	*147*	*S1+*	*70 - 130*	*04/02/23 15:41*	*04/03/23 08:16*	*1*

Lab Sample ID: LCS 880-50098/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50110 — **Prep Batch: 50098**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	974.8		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	809.9		mg/Kg		81	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*101*		*70 - 130*
o-Terphenyl (Surr)	*115*		*70 - 130*

Lab Sample ID: LCSD 880-50098/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50110 — **Prep Batch: 50098**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	972.8		mg/Kg		97	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	827.6		mg/Kg		83	70 - 130	2	20

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Lab Sample ID: LCSD 880-50098/3-A
Matrix: Solid
Analysis Batch: 50110

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50098

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	118		70 - 130

Lab Sample ID: 880-26580-42 MS
Matrix: Solid
Analysis Batch: 50110

Client Sample ID: CF-042-06.0-NA-P
Prep Type: Total/NA
Prep Batch: 50098

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1005		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1137		mg/Kg		114	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	108		70 - 130
o-Terphenyl (Surr)	108		70 - 130

Lab Sample ID: 880-26580-42 MSD
Matrix: Solid
Analysis Batch: 50110

Client Sample ID: CF-042-06.0-NA-P
Prep Type: Total/NA
Prep Batch: 50098

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	836.7		mg/Kg		80	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	941.2		mg/Kg		94	70 - 130	19	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	88		70 - 130

Lab Sample ID: MB 880-50213/1-A
Matrix: Solid
Analysis Batch: 50112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50213

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/03/23 19:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/03/23 19:42	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/03/23 14:51	04/03/23 19:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130	04/03/23 14:51	04/03/23 19:42	1
o-Terphenyl (Surr)	102		70 - 130	04/03/23 14:51	04/03/23 19:42	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Lab Sample ID: LCS 880-50213/2-A
Matrix: Solid
Analysis Batch: 50112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50213

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	863.4		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	886.6		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*126*		*70 - 130*
o-Terphenyl (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 880-50213/3-A
Matrix: Solid
Analysis Batch: 50112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50213

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	905.7		mg/Kg		91	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	928.3		mg/Kg		93	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*103*		*70 - 130*
o-Terphenyl (Surr)	*76*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-50496/1-A
Matrix: Solid
Analysis Batch: 50731

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/08/23 17:06	1

Lab Sample ID: LCS 880-50496/2-A
Matrix: Solid
Analysis Batch: 50731

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	254.8		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-50496/3-A
Matrix: Solid
Analysis Batch: 50731

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	255.8		mg/Kg		102	90 - 110	0	20

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-26580-1 MS
Matrix: Solid
Analysis Batch: 50731

Client Sample ID: CF-001-04.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	62.6		252	288.8		mg/Kg		90	90 - 110

Lab Sample ID: 880-26580-1 MSD
Matrix: Solid
Analysis Batch: 50731

Client Sample ID: CF-001-04.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	62.6		252	289.7		mg/Kg		90	90 - 110	0	20

Lab Sample ID: 880-26580-12 MS
Matrix: Solid
Analysis Batch: 50731

Client Sample ID: CF-012-04.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.6	F1	250	261.2	F1	mg/Kg		84	90 - 110

Lab Sample ID: 880-26580-12 MSD
Matrix: Solid
Analysis Batch: 50731

Client Sample ID: CF-012-04.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	50.6	F1	250	261.1	F1	mg/Kg		84	90 - 110	0	20

Lab Sample ID: MB 880-50498/1-A
Matrix: Solid
Analysis Batch: 50732

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/08/23 19:51	1

Lab Sample ID: LCS 880-50498/2-A
Matrix: Solid
Analysis Batch: 50732

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.2		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-50498/3-A
Matrix: Solid
Analysis Batch: 50732

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

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

Lab Sample ID: 880-26580-41 MS
Matrix: Solid
Analysis Batch: 50732

Client Sample ID: CF-041-06.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	66.1	F1	248	276.2	F1	mg/Kg		85	90 - 110

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26580-41 MSD
Matrix: Solid
Analysis Batch: 50732

Client Sample ID: CF-041-06.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	66.1	F1	248	276.9	F1	mg/Kg		85	90 - 110	0	20

Lab Sample ID: 880-26580-51 MS
Matrix: Solid
Analysis Batch: 50732

Client Sample ID: CF-051-06.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	371	F1	249	566.2	F1	mg/Kg		78	90 - 110

Lab Sample ID: 880-26580-51 MSD
Matrix: Solid
Analysis Batch: 50732

Client Sample ID: CF-051-06.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	371	F1	249	566.5	F1	mg/Kg		79	90 - 110	0	20

Lab Sample ID: MB 880-50497/1-A
Matrix: Solid
Analysis Batch: 50738

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/08/23 19:07	1

Lab Sample ID: LCS 880-50497/2-A
Matrix: Solid
Analysis Batch: 50738

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	230.2		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-50497/3-A
Matrix: Solid
Analysis Batch: 50738

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	230.7		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-26580-21 MS
Matrix: Solid
Analysis Batch: 50738

Client Sample ID: CF-021-04.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	38.9	F1	249	226.9	F1	mg/Kg		76	90 - 110

Lab Sample ID: 880-26580-21 MSD
Matrix: Solid
Analysis Batch: 50738

Client Sample ID: CF-021-04.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	38.9	F1	249	225.4	F1	mg/Kg		75	90 - 110	1	20

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26580-31 MS
Matrix: Solid
Analysis Batch: 50738

Client Sample ID: CF-031-06.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	95.2	F1	251	278.8	F1	mg/Kg		73	90 - 110

Lab Sample ID: 880-26580-31 MSD
Matrix: Solid
Analysis Batch: 50738

Client Sample ID: CF-031-06.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	95.2	F1	251	281.4	F1	mg/Kg		74	90 - 110	1	20

Lab Sample ID: MB 880-50499/1-A
Matrix: Solid
Analysis Batch: 50740

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/09/23 12:07	1

Lab Sample ID: LCS 880-50499/2-A
Matrix: Solid
Analysis Batch: 50740

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	235.2		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-50499/3-A
Matrix: Solid
Analysis Batch: 50740

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	228.0		mg/Kg		91	90 - 110	3	20

Lab Sample ID: 880-26580-61 MS
Matrix: Solid
Analysis Batch: 50740

Client Sample ID: CF-061-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	48.2	F1	248	257.7	F1	mg/Kg		84	90 - 110

Lab Sample ID: 880-26580-61 MSD
Matrix: Solid
Analysis Batch: 50740

Client Sample ID: CF-061-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	48.2	F1	248	261.0	F1	mg/Kg		86	90 - 110	1	20

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

GC VOA

Prep Batch: 50258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-50258/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 50430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-50430/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 50431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-61	CF-061-00.3-NA-P	Total/NA	Solid	5035	
880-26580-62	CF-062-00.3-NA-P	Total/NA	Solid	5035	
880-26580-63	CF-063-00.3-NA-P	Total/NA	Solid	5035	
880-26580-65	CF-065-00.3-NA-P	Total/NA	Solid	5035	
880-26580-66	CF-066-00.3-NA-P	Total/NA	Solid	5035	
880-26580-67	CF-067-00.3-NA-P	Total/NA	Solid	5035	
880-26580-68	CF-068-00.3-NA-P	Total/NA	Solid	5035	
880-26580-70	CF-070-00.3-NA-P	Total/NA	Solid	5035	
880-26580-71	CF-071-00.3-NA-P	Total/NA	Solid	5035	
880-26580-72	CF-072-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50431/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50431/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50431/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 50478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-1	CF-001-04.0-NA-P	Total/NA	Solid	5035	
880-26580-2	CF-002-04.0-NA-P	Total/NA	Solid	5035	
880-26580-3	CF-003-04.0-NA-P	Total/NA	Solid	5035	
880-26580-4	CF-004-04.0-NA-P	Total/NA	Solid	5035	
880-26580-5	CF-005-04.0-NA-P	Total/NA	Solid	5035	
880-26580-6	CF-006-04.0-NA-P	Total/NA	Solid	5035	
880-26580-7	CF-007-04.0-NA-P	Total/NA	Solid	5035	
880-26580-9	CF-009-04.0-NA-P	Total/NA	Solid	5035	
880-26580-10	CF-010-04.0-NA-P	Total/NA	Solid	5035	
880-26580-11	CF-011-04.0-NA-P	Total/NA	Solid	5035	
880-26580-12	CF-012-04.0-NA-P	Total/NA	Solid	5035	
880-26580-13	CF-013-04.0-NA-P	Total/NA	Solid	5035	
880-26580-14	CF-014-04.0-NA-P	Total/NA	Solid	5035	
880-26580-15	CF-015-04.0-NA-P	Total/NA	Solid	5035	
880-26580-16	CF-016-04.0-NA-P	Total/NA	Solid	5035	
880-26580-17	CF-017-04.0-NA-P	Total/NA	Solid	5035	
880-26580-18	CF-018-04.0-NA-P	Total/NA	Solid	5035	
880-26580-19	CF-019-04.0-NA-P	Total/NA	Solid	5035	
880-26580-20	CF-020-04.0-NA-P	Total/NA	Solid	5035	
880-26580-21	CF-021-04.0-NA-P	Total/NA	Solid	5035	
MB 880-50478/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50478/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50478/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26580-1 MS	CF-001-04.0-NA-P	Total/NA	Solid	5035	
880-26580-1 MSD	CF-001-04.0-NA-P	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

GC VOA

Prep Batch: 50479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-22	CF-022-04.0-NA-P	Total/NA	Solid	5035	
880-26580-23	CF-023-04.0-NA-P	Total/NA	Solid	5035	
880-26580-24	CF-024-04.0-NA-P	Total/NA	Solid	5035	
880-26580-25	CF-025-04.0-NA-P	Total/NA	Solid	5035	
880-26580-26	CF-026-06.0-NA-P	Total/NA	Solid	5035	
880-26580-27	CF-027-06.0-NA-P	Total/NA	Solid	5035	
880-26580-28	CF-028-06.0-NA-P	Total/NA	Solid	5035	
880-26580-29	CF-029-06.0-NA-P	Total/NA	Solid	5035	
880-26580-30	CF-030-06.0-NA-P	Total/NA	Solid	5035	
880-26580-31	CF-031-06.0-NA-P	Total/NA	Solid	5035	
880-26580-32	CF-032-06.0-NA-P	Total/NA	Solid	5035	
880-26580-33	CF-033-06.0-NA-P	Total/NA	Solid	5035	
880-26580-34	CF-034-06.0-NA-P	Total/NA	Solid	5035	
880-26580-35	CF-035-06.0-NA-P	Total/NA	Solid	5035	
880-26580-36	CF-036-06.0-NA-P	Total/NA	Solid	5035	
880-26580-37	CF-037-06.0-NA-P	Total/NA	Solid	5035	
880-26580-38	CF-038-06.0-NA-P	Total/NA	Solid	5035	
880-26580-39	CF-039-06.0-NA-P	Total/NA	Solid	5035	
880-26580-40	CF-040-06.0-NA-P	Total/NA	Solid	5035	
880-26580-41	CF-041-06.0-NA-P	Total/NA	Solid	5035	
MB 880-50479/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50479/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50479/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26580-22 MS	CF-022-04.0-NA-P	Total/NA	Solid	5035	
880-26580-22 MSD	CF-022-04.0-NA-P	Total/NA	Solid	5035	

Prep Batch: 50481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-42	CF-042-06.0-NA-P	Total/NA	Solid	5035	
880-26580-43	CF-043-06.0-NA-P	Total/NA	Solid	5035	
880-26580-44	CF-044-06.0-NA-P	Total/NA	Solid	5035	
880-26580-45	CF-045-06.0-NA-P	Total/NA	Solid	5035	
880-26580-46	CF-046-06.0-NA-P	Total/NA	Solid	5035	
880-26580-47	CF-047-06.0-NA-P	Total/NA	Solid	5035	
880-26580-48	CF-048-06.0-NA-P	Total/NA	Solid	5035	
880-26580-49	CF-049-06.0-NA-P	Total/NA	Solid	5035	
880-26580-50	CF-050-06.0-NA-P	Total/NA	Solid	5035	
880-26580-51	CF-051-06.0-NA-P	Total/NA	Solid	5035	
880-26580-52	CF-052-06.0-NA-P	Total/NA	Solid	5035	
880-26580-53	CF-053-00.3-NA-P	Total/NA	Solid	5035	
880-26580-54	CF-054-00.3-NA-P	Total/NA	Solid	5035	
880-26580-55	CF-055-00.3-NA-P	Total/NA	Solid	5035	
880-26580-56	CF-056-00.3-NA-P	Total/NA	Solid	5035	
880-26580-57	CF-057-00.3-NA-P	Total/NA	Solid	5035	
880-26580-58	CF-058-00.3-NA-P	Total/NA	Solid	5035	
880-26580-59	CF-059-00.3-NA-P	Total/NA	Solid	5035	
880-26580-60	CF-060-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50481/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50481/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50481/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26580-42 MS	CF-042-06.0-NA-P	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

GC VOA (Continued)

Prep Batch: 50481 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-42 MSD	CF-042-06.0-NA-P	Total/NA	Solid	5035	

Analysis Batch: 50512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-61	CF-061-00.3-NA-P	Total/NA	Solid	8021B	50431
880-26580-62	CF-062-00.3-NA-P	Total/NA	Solid	8021B	50431
880-26580-63	CF-063-00.3-NA-P	Total/NA	Solid	8021B	50431
880-26580-65	CF-065-00.3-NA-P	Total/NA	Solid	8021B	50431
880-26580-66	CF-066-00.3-NA-P	Total/NA	Solid	8021B	50431
880-26580-67	CF-067-00.3-NA-P	Total/NA	Solid	8021B	50431
880-26580-68	CF-068-00.3-NA-P	Total/NA	Solid	8021B	50431
880-26580-70	CF-070-00.3-NA-P	Total/NA	Solid	8021B	50431
880-26580-71	CF-071-00.3-NA-P	Total/NA	Solid	8021B	50431
880-26580-72	CF-072-00.3-NA-P	Total/NA	Solid	8021B	50431
MB 880-50431/5-A	Method Blank	Total/NA	Solid	8021B	50431
MB 880-50512/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-50431/1-A	Lab Control Sample	Total/NA	Solid	8021B	50431
LCSD 880-50431/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50431

Analysis Batch: 50521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-22	CF-022-04.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-23	CF-023-04.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-24	CF-024-04.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-25	CF-025-04.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-26	CF-026-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-27	CF-027-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-28	CF-028-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-29	CF-029-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-30	CF-030-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-31	CF-031-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-32	CF-032-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-33	CF-033-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-34	CF-034-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-35	CF-035-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-36	CF-036-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-37	CF-037-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-38	CF-038-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-39	CF-039-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-40	CF-040-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-41	CF-041-06.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-42	CF-042-06.0-NA-P	Total/NA	Solid	8021B	50481
880-26580-43	CF-043-06.0-NA-P	Total/NA	Solid	8021B	50481
880-26580-44	CF-044-06.0-NA-P	Total/NA	Solid	8021B	50481
880-26580-45	CF-045-06.0-NA-P	Total/NA	Solid	8021B	50481
880-26580-46	CF-046-06.0-NA-P	Total/NA	Solid	8021B	50481
880-26580-47	CF-047-06.0-NA-P	Total/NA	Solid	8021B	50481
880-26580-48	CF-048-06.0-NA-P	Total/NA	Solid	8021B	50481
880-26580-49	CF-049-06.0-NA-P	Total/NA	Solid	8021B	50481
880-26580-50	CF-050-06.0-NA-P	Total/NA	Solid	8021B	50481
880-26580-51	CF-051-06.0-NA-P	Total/NA	Solid	8021B	50481

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

GC VOA (Continued)

Analysis Batch: 50521 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-52	CF-052-06.0-NA-P	Total/NA	Solid	8021B	50481
880-26580-53	CF-053-00.3-NA-P	Total/NA	Solid	8021B	50481
880-26580-54	CF-054-00.3-NA-P	Total/NA	Solid	8021B	50481
880-26580-55	CF-055-00.3-NA-P	Total/NA	Solid	8021B	50481
880-26580-56	CF-056-00.3-NA-P	Total/NA	Solid	8021B	50481
880-26580-57	CF-057-00.3-NA-P	Total/NA	Solid	8021B	50481
880-26580-58	CF-058-00.3-NA-P	Total/NA	Solid	8021B	50481
880-26580-59	CF-059-00.3-NA-P	Total/NA	Solid	8021B	50481
880-26580-60	CF-060-00.3-NA-P	Total/NA	Solid	8021B	50481
MB 880-50430/5-A	Method Blank	Total/NA	Solid	8021B	50430
MB 880-50479/5-A	Method Blank	Total/NA	Solid	8021B	50479
MB 880-50481/5-A	Method Blank	Total/NA	Solid	8021B	50481
LCS 880-50479/1-A	Lab Control Sample	Total/NA	Solid	8021B	50479
LCS 880-50481/1-A	Lab Control Sample	Total/NA	Solid	8021B	50481
LCSD 880-50479/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50479
LCSD 880-50481/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50481
880-26580-22 MS	CF-022-04.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-22 MSD	CF-022-04.0-NA-P	Total/NA	Solid	8021B	50479
880-26580-42 MS	CF-042-06.0-NA-P	Total/NA	Solid	8021B	50481
880-26580-42 MSD	CF-042-06.0-NA-P	Total/NA	Solid	8021B	50481

Analysis Batch: 50561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-1	CF-001-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-2	CF-002-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-3	CF-003-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-4	CF-004-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-5	CF-005-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-6	CF-006-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-7	CF-007-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-9	CF-009-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-10	CF-010-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-11	CF-011-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-12	CF-012-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-13	CF-013-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-14	CF-014-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-15	CF-015-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-16	CF-016-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-17	CF-017-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-18	CF-018-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-19	CF-019-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-20	CF-020-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-21	CF-021-04.0-NA-P	Total/NA	Solid	8021B	50478
MB 880-50258/5-A	Method Blank	Total/NA	Solid	8021B	50258
MB 880-50478/5-A	Method Blank	Total/NA	Solid	8021B	50478
LCS 880-50478/1-A	Lab Control Sample	Total/NA	Solid	8021B	50478
LCSD 880-50478/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50478
880-26580-1 MS	CF-001-04.0-NA-P	Total/NA	Solid	8021B	50478
880-26580-1 MSD	CF-001-04.0-NA-P	Total/NA	Solid	8021B	50478

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

GC VOA

Analysis Batch: 50645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-1	CF-001-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-2	CF-002-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-3	CF-003-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-4	CF-004-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-5	CF-005-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-6	CF-006-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-7	CF-007-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-9	CF-009-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-10	CF-010-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-11	CF-011-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-12	CF-012-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-13	CF-013-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-14	CF-014-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-15	CF-015-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-16	CF-016-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-17	CF-017-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-18	CF-018-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-19	CF-019-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-20	CF-020-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-21	CF-021-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-22	CF-022-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-23	CF-023-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-24	CF-024-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-25	CF-025-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-26	CF-026-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-27	CF-027-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-28	CF-028-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-29	CF-029-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-30	CF-030-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-31	CF-031-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-32	CF-032-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-33	CF-033-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-34	CF-034-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-35	CF-035-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-36	CF-036-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-37	CF-037-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-38	CF-038-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-39	CF-039-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-40	CF-040-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-41	CF-041-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-42	CF-042-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-43	CF-043-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-44	CF-044-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-45	CF-045-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-46	CF-046-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-47	CF-047-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-48	CF-048-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-49	CF-049-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-50	CF-050-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-51	CF-051-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26580-52	CF-052-06.0-NA-P	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

GC VOA (Continued)

Analysis Batch: 50645 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-53	CF-053-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-54	CF-054-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-55	CF-055-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-56	CF-056-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-57	CF-057-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-58	CF-058-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-59	CF-059-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-60	CF-060-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-61	CF-061-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-62	CF-062-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-63	CF-063-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-65	CF-065-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-66	CF-066-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-67	CF-067-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-68	CF-068-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-70	CF-070-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-71	CF-071-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26580-72	CF-072-00.3-NA-P	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 50088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-1	CF-001-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-2	CF-002-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-3	CF-003-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-4	CF-004-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-5	CF-005-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-6	CF-006-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-7	CF-007-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-9	CF-009-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-10	CF-010-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-11	CF-011-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-12	CF-012-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-13	CF-013-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-14	CF-014-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-15	CF-015-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-16	CF-016-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-17	CF-017-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-18	CF-018-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-19	CF-019-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-20	CF-020-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-21	CF-021-04.0-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26580-21 MS	CF-021-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-21 MSD	CF-021-04.0-NA-P	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

GC Semi VOA

Analysis Batch: 50091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-1	CF-001-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-2	CF-002-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-3	CF-003-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-4	CF-004-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-5	CF-005-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-6	CF-006-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-7	CF-007-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-9	CF-009-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-10	CF-010-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-11	CF-011-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-12	CF-012-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-13	CF-013-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-14	CF-014-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-15	CF-015-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-16	CF-016-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-17	CF-017-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-18	CF-018-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-19	CF-019-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-20	CF-020-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-21	CF-021-04.0-NA-P	Total/NA	Solid	8015B NM	50088
MB 880-50088/1-A	Method Blank	Total/NA	Solid	8015B NM	50088
LCS 880-50088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50088
LCSD 880-50088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50088
880-26580-21 MS	CF-021-04.0-NA-P	Total/NA	Solid	8015B NM	50088
880-26580-21 MSD	CF-021-04.0-NA-P	Total/NA	Solid	8015B NM	50088

Prep Batch: 50097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-22	CF-022-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-23	CF-023-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-24	CF-024-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-25	CF-025-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-26	CF-026-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-27	CF-027-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-28	CF-028-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-29	CF-029-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-30	CF-030-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-31	CF-031-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-32	CF-032-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-33	CF-033-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-34	CF-034-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-35	CF-035-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-36	CF-036-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-37	CF-037-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-38	CF-038-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-39	CF-039-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-40	CF-040-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-41	CF-041-06.0-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50097/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50097/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50097/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Prep Batch: 50097 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-22 MS	CF-022-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-22 MSD	CF-022-04.0-NA-P	Total/NA	Solid	8015NM Prep	

Prep Batch: 50098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-42	CF-042-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-43	CF-043-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-44	CF-044-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-45	CF-045-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-46	CF-046-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-47	CF-047-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-52	CF-052-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-53	CF-053-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-54	CF-054-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-55	CF-055-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-56	CF-056-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-57	CF-057-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-58	CF-058-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-59	CF-059-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-60	CF-060-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-61	CF-061-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50098/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50098/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50098/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26580-42 MS	CF-042-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-42 MSD	CF-042-06.0-NA-P	Total/NA	Solid	8015NM Prep	

Analysis Batch: 50110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-42	CF-042-06.0-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-43	CF-043-06.0-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-44	CF-044-06.0-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-45	CF-045-06.0-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-46	CF-046-06.0-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-47	CF-047-06.0-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-52	CF-052-06.0-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-53	CF-053-00.3-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-54	CF-054-00.3-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-55	CF-055-00.3-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-56	CF-056-00.3-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-57	CF-057-00.3-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-58	CF-058-00.3-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-59	CF-059-00.3-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-60	CF-060-00.3-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-61	CF-061-00.3-NA-P	Total/NA	Solid	8015B NM	50098
MB 880-50098/1-A	Method Blank	Total/NA	Solid	8015B NM	50098
LCS 880-50098/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50098
LCSD 880-50098/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50098
880-26580-42 MS	CF-042-06.0-NA-P	Total/NA	Solid	8015B NM	50098
880-26580-42 MSD	CF-042-06.0-NA-P	Total/NA	Solid	8015B NM	50098

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

GC Semi VOA

Analysis Batch: 50112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-22	CF-022-04.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-23	CF-023-04.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-24	CF-024-04.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-25	CF-025-04.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-26	CF-026-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-27	CF-027-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-28	CF-028-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-29	CF-029-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-30	CF-030-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-31	CF-031-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-32	CF-032-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-33	CF-033-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-34	CF-034-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-35	CF-035-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-36	CF-036-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-37	CF-037-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-38	CF-038-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-39	CF-039-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-40	CF-040-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-41	CF-041-06.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-48	CF-048-06.0-NA-P	Total/NA	Solid	8015B NM	50213
880-26580-49	CF-049-06.0-NA-P	Total/NA	Solid	8015B NM	50213
880-26580-50	CF-050-06.0-NA-P	Total/NA	Solid	8015B NM	50213
880-26580-51	CF-051-06.0-NA-P	Total/NA	Solid	8015B NM	50213
880-26580-62	CF-062-00.3-NA-P	Total/NA	Solid	8015B NM	50213
880-26580-63	CF-063-00.3-NA-P	Total/NA	Solid	8015B NM	50213
880-26580-65	CF-065-00.3-NA-P	Total/NA	Solid	8015B NM	50213
880-26580-66	CF-066-00.3-NA-P	Total/NA	Solid	8015B NM	50213
880-26580-67	CF-067-00.3-NA-P	Total/NA	Solid	8015B NM	50213
880-26580-68	CF-068-00.3-NA-P	Total/NA	Solid	8015B NM	50213
880-26580-70	CF-070-00.3-NA-P	Total/NA	Solid	8015B NM	50213
880-26580-71	CF-071-00.3-NA-P	Total/NA	Solid	8015B NM	50213
880-26580-72	CF-072-00.3-NA-P	Total/NA	Solid	8015B NM	50213
MB 880-50097/1-A	Method Blank	Total/NA	Solid	8015B NM	50097
MB 880-50213/1-A	Method Blank	Total/NA	Solid	8015B NM	50213
LCS 880-50097/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50097
LCS 880-50213/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50213
LCSD 880-50097/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50097
LCSD 880-50213/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50213
880-26580-22 MS	CF-022-04.0-NA-P	Total/NA	Solid	8015B NM	50097
880-26580-22 MSD	CF-022-04.0-NA-P	Total/NA	Solid	8015B NM	50097

Prep Batch: 50213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-48	CF-048-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-49	CF-049-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-50	CF-050-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-51	CF-051-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-62	CF-062-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-63	CF-063-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-65	CF-065-00.3-NA-P	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Prep Batch: 50213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-66	CF-066-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-67	CF-067-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-68	CF-068-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-70	CF-070-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-71	CF-071-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26580-72	CF-072-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50213/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50213/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50213/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 50214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-1	CF-001-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-2	CF-002-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-3	CF-003-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-4	CF-004-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-5	CF-005-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-6	CF-006-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-7	CF-007-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-9	CF-009-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-10	CF-010-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-11	CF-011-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-12	CF-012-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-13	CF-013-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-14	CF-014-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-15	CF-015-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-16	CF-016-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-17	CF-017-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-18	CF-018-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-19	CF-019-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-20	CF-020-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-21	CF-021-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-22	CF-022-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-23	CF-023-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-24	CF-024-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-25	CF-025-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-26	CF-026-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-27	CF-027-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-28	CF-028-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-29	CF-029-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-30	CF-030-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-31	CF-031-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-32	CF-032-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-33	CF-033-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-34	CF-034-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-35	CF-035-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-36	CF-036-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-37	CF-037-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-38	CF-038-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-39	CF-039-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-40	CF-040-06.0-NA-P	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Analysis Batch: 50214 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-41	CF-041-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-42	CF-042-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-43	CF-043-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-44	CF-044-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-45	CF-045-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-46	CF-046-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-47	CF-047-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-48	CF-048-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-49	CF-049-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-50	CF-050-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-51	CF-051-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-52	CF-052-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26580-53	CF-053-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-54	CF-054-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-55	CF-055-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-56	CF-056-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-57	CF-057-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-58	CF-058-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-59	CF-059-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-60	CF-060-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-61	CF-061-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-62	CF-062-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-63	CF-063-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-65	CF-065-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-66	CF-066-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-67	CF-067-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-68	CF-068-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-70	CF-070-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-71	CF-071-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26580-72	CF-072-00.3-NA-P	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 50496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-1	CF-001-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-2	CF-002-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-3	CF-003-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-4	CF-004-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-5	CF-005-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-6	CF-006-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-7	CF-007-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-9	CF-009-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-10	CF-010-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-11	CF-011-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-12	CF-012-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-13	CF-013-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-14	CF-014-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-15	CF-015-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-16	CF-016-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-17	CF-017-04.0-NA-P	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Leach Batch: 50496 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-18	CF-018-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-19	CF-019-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-20	CF-020-04.0-NA-P	Soluble	Solid	DI Leach	
MB 880-50496/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50496/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50496/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26580-1 MS	CF-001-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-1 MSD	CF-001-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-12 MS	CF-012-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-12 MSD	CF-012-04.0-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-21	CF-021-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-22	CF-022-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-23	CF-023-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-24	CF-024-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-25	CF-025-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-26	CF-026-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-27	CF-027-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-28	CF-028-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-29	CF-029-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-30	CF-030-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-31	CF-031-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-32	CF-032-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-33	CF-033-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-34	CF-034-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-35	CF-035-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-36	CF-036-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-37	CF-037-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-38	CF-038-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-39	CF-039-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-40	CF-040-06.0-NA-P	Soluble	Solid	DI Leach	
MB 880-50497/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50497/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50497/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26580-21 MS	CF-021-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-21 MSD	CF-021-04.0-NA-P	Soluble	Solid	DI Leach	
880-26580-31 MS	CF-031-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-31 MSD	CF-031-06.0-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-41	CF-041-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-42	CF-042-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-43	CF-043-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-44	CF-044-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-45	CF-045-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-46	CF-046-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-47	CF-047-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-48	CF-048-06.0-NA-P	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Leach Batch: 50498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-49	CF-049-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-50	CF-050-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-51	CF-051-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-52	CF-052-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-53	CF-053-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-54	CF-054-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-55	CF-055-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-56	CF-056-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-57	CF-057-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-58	CF-058-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-59	CF-059-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-60	CF-060-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50498/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50498/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50498/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26580-41 MS	CF-041-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-41 MSD	CF-041-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-51 MS	CF-051-06.0-NA-P	Soluble	Solid	DI Leach	
880-26580-51 MSD	CF-051-06.0-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-61	CF-061-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-62	CF-062-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-63	CF-063-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-65	CF-065-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-66	CF-066-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-67	CF-067-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-68	CF-068-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-70	CF-070-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-71	CF-071-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-72	CF-072-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50499/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50499/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50499/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26580-61 MS	CF-061-00.3-NA-P	Soluble	Solid	DI Leach	
880-26580-61 MSD	CF-061-00.3-NA-P	Soluble	Solid	DI Leach	

Analysis Batch: 50731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-1	CF-001-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-2	CF-002-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-3	CF-003-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-4	CF-004-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-5	CF-005-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-6	CF-006-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-7	CF-007-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-9	CF-009-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-10	CF-010-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-11	CF-011-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-12	CF-012-04.0-NA-P	Soluble	Solid	300.0	50496

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Analysis Batch: 50731 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-13	CF-013-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-14	CF-014-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-15	CF-015-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-16	CF-016-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-17	CF-017-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-18	CF-018-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-19	CF-019-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-20	CF-020-04.0-NA-P	Soluble	Solid	300.0	50496
MB 880-50496/1-A	Method Blank	Soluble	Solid	300.0	50496
LCS 880-50496/2-A	Lab Control Sample	Soluble	Solid	300.0	50496
LCSD 880-50496/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50496
880-26580-1 MS	CF-001-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-1 MSD	CF-001-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-12 MS	CF-012-04.0-NA-P	Soluble	Solid	300.0	50496
880-26580-12 MSD	CF-012-04.0-NA-P	Soluble	Solid	300.0	50496

Analysis Batch: 50732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-41	CF-041-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-42	CF-042-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-43	CF-043-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-44	CF-044-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-45	CF-045-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-46	CF-046-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-47	CF-047-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-48	CF-048-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-49	CF-049-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-50	CF-050-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-51	CF-051-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-52	CF-052-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-53	CF-053-00.3-NA-P	Soluble	Solid	300.0	50498
880-26580-54	CF-054-00.3-NA-P	Soluble	Solid	300.0	50498
880-26580-55	CF-055-00.3-NA-P	Soluble	Solid	300.0	50498
880-26580-56	CF-056-00.3-NA-P	Soluble	Solid	300.0	50498
880-26580-57	CF-057-00.3-NA-P	Soluble	Solid	300.0	50498
880-26580-58	CF-058-00.3-NA-P	Soluble	Solid	300.0	50498
880-26580-59	CF-059-00.3-NA-P	Soluble	Solid	300.0	50498
880-26580-60	CF-060-00.3-NA-P	Soluble	Solid	300.0	50498
MB 880-50498/1-A	Method Blank	Soluble	Solid	300.0	50498
LCS 880-50498/2-A	Lab Control Sample	Soluble	Solid	300.0	50498
LCSD 880-50498/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50498
880-26580-41 MS	CF-041-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-41 MSD	CF-041-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-51 MS	CF-051-06.0-NA-P	Soluble	Solid	300.0	50498
880-26580-51 MSD	CF-051-06.0-NA-P	Soluble	Solid	300.0	50498

Analysis Batch: 50738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-21	CF-021-04.0-NA-P	Soluble	Solid	300.0	50497
880-26580-22	CF-022-04.0-NA-P	Soluble	Solid	300.0	50497
880-26580-23	CF-023-04.0-NA-P	Soluble	Solid	300.0	50497

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Analysis Batch: 50738 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-24	CF-024-04.0-NA-P	Soluble	Solid	300.0	50497
880-26580-25	CF-025-04.0-NA-P	Soluble	Solid	300.0	50497
880-26580-26	CF-026-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-27	CF-027-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-28	CF-028-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-29	CF-029-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-30	CF-030-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-31	CF-031-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-32	CF-032-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-33	CF-033-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-34	CF-034-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-35	CF-035-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-36	CF-036-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-37	CF-037-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-38	CF-038-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-39	CF-039-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-40	CF-040-06.0-NA-P	Soluble	Solid	300.0	50497
MB 880-50497/1-A	Method Blank	Soluble	Solid	300.0	50497
LCS 880-50497/2-A	Lab Control Sample	Soluble	Solid	300.0	50497
LCSD 880-50497/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50497
880-26580-21 MS	CF-021-04.0-NA-P	Soluble	Solid	300.0	50497
880-26580-21 MSD	CF-021-04.0-NA-P	Soluble	Solid	300.0	50497
880-26580-31 MS	CF-031-06.0-NA-P	Soluble	Solid	300.0	50497
880-26580-31 MSD	CF-031-06.0-NA-P	Soluble	Solid	300.0	50497

Analysis Batch: 50740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26580-61	CF-061-00.3-NA-P	Soluble	Solid	300.0	50499
880-26580-62	CF-062-00.3-NA-P	Soluble	Solid	300.0	50499
880-26580-63	CF-063-00.3-NA-P	Soluble	Solid	300.0	50499
880-26580-65	CF-065-00.3-NA-P	Soluble	Solid	300.0	50499
880-26580-66	CF-066-00.3-NA-P	Soluble	Solid	300.0	50499
880-26580-67	CF-067-00.3-NA-P	Soluble	Solid	300.0	50499
880-26580-68	CF-068-00.3-NA-P	Soluble	Solid	300.0	50499
880-26580-70	CF-070-00.3-NA-P	Soluble	Solid	300.0	50499
880-26580-71	CF-071-00.3-NA-P	Soluble	Solid	300.0	50499
880-26580-72	CF-072-00.3-NA-P	Soluble	Solid	300.0	50499
MB 880-50499/1-A	Method Blank	Soluble	Solid	300.0	50499
LCS 880-50499/2-A	Lab Control Sample	Soluble	Solid	300.0	50499
LCSD 880-50499/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50499
880-26580-61 MS	CF-061-00.3-NA-P	Soluble	Solid	300.0	50499
880-26580-61 MSD	CF-061-00.3-NA-P	Soluble	Solid	300.0	50499

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-001-04.0-NA-P

Lab Sample ID: 880-26580-1
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 12:40	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/02/23 22:17	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 17:21	SMC	EET MID

Client Sample ID: CF-002-04.0-NA-P

Lab Sample ID: 880-26580-2
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 13:00	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/02/23 22:39	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 17:35	SMC	EET MID

Client Sample ID: CF-003-04.0-NA-P

Lab Sample ID: 880-26580-3
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 13:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/02/23 23:01	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 17:40	SMC	EET MID

Client Sample ID: CF-004-04.0-NA-P

Lab Sample ID: 880-26580-4
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 13:42	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-004-04.0-NA-P

Lab Sample ID: 880-26580-4
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/02/23 23:22	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 17:45	SMC	EET MID

Client Sample ID: CF-005-04.0-NA-P

Lab Sample ID: 880-26580-5
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 14:03	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/02/23 23:44	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 17:50	SMC	EET MID

Client Sample ID: CF-006-04.0-NA-P

Lab Sample ID: 880-26580-6
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 14:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 00:05	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 18:05	SMC	EET MID

Client Sample ID: CF-007-04.0-NA-P

Lab Sample ID: 880-26580-7
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 14:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 00:27	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-007-04.0-NA-P

Lab Sample ID: 880-26580-7
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 18:10	SMC	EET MID

Client Sample ID: CF-009-04.0-NA-P

Lab Sample ID: 880-26580-9
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 15:05	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 00:48	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 18:14	SMC	EET MID

Client Sample ID: CF-010-04.0-NA-P

Lab Sample ID: 880-26580-10
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 15:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 01:09	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 18:19	SMC	EET MID

Client Sample ID: CF-011-04.0-NA-P

Lab Sample ID: 880-26580-11
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 15:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 01:52	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 18:24	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-012-04.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 17:30	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 02:13	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 18:29	SMC	EET MID

Client Sample ID: CF-013-04.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 17:51	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 02:34	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 18:43	SMC	EET MID

Client Sample ID: CF-014-04.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 18:11	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 02:56	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 18:48	SMC	EET MID

Client Sample ID: CF-015-04.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 18:32	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-015-04.0-NA-P

Lab Sample ID: 880-26580-15
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 03:17	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 19:03	SMC	EET MID

Client Sample ID: CF-016-04.0-NA-P

Lab Sample ID: 880-26580-16
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 18:53	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 03:39	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 19:08	SMC	EET MID

Client Sample ID: CF-017-04.0-NA-P

Lab Sample ID: 880-26580-17
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 19:13	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 04:01	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 19:12	SMC	EET MID

Client Sample ID: CF-018-04.0-NA-P

Lab Sample ID: 880-26580-18
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 19:34	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 04:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-018-04.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 19:17	SMC	EET MID

Client Sample ID: CF-019-04.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 19:55	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 04:43	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 19:22	SMC	EET MID

Client Sample ID: CF-020-04.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 20:16	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/03/23 05:04	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50496	04/06/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50731	04/08/23 19:27	SMC	EET MID

Client Sample ID: CF-021-04.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50478	04/06/23 10:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 20:36	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50088	04/01/23 09:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50091	04/02/23 21:10	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 19:21	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-022-04.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/07/23 20:39	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 10:50	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 19:34	SMC	EET MID

Client Sample ID: CF-023-04.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/07/23 21:06	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 11:56	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 19:39	SMC	EET MID

Client Sample ID: CF-024-04.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/07/23 21:32	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 12:18	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 19:43	SMC	EET MID

Client Sample ID: CF-025-04.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/07/23 21:59	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-025-04.0-NA-P

Lab Sample ID: 880-26580-25
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 12:40	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 19:48	SMC	EET MID

Client Sample ID: CF-026-06.0-NA-P

Lab Sample ID: 880-26580-26
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/07/23 22:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 13:02	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 20:02	SMC	EET MID

Client Sample ID: CF-027-06.0-NA-P

Lab Sample ID: 880-26580-27
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/07/23 22:51	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 13:25	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 20:06	SMC	EET MID

Client Sample ID: CF-028-06.0-NA-P

Lab Sample ID: 880-26580-28
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/07/23 23:17	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 13:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-028-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 20:11	SMC	EET MID

Client Sample ID: CF-029-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/07/23 23:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 14:09	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 20:15	SMC	EET MID

Client Sample ID: CF-030-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 00:10	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 14:31	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 20:20	SMC	EET MID

Client Sample ID: CF-031-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-31

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 00:37	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 14:53	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 20:24	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-032-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-32

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 02:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 15:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 20:38	SMC	EET MID

Client Sample ID: CF-033-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 02:50	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 16:04	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 20:43	SMC	EET MID

Client Sample ID: CF-034-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 03:16	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 16:26	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 20:56	SMC	EET MID

Client Sample ID: CF-035-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 03:42	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-035-06.0-NA-P

Lab Sample ID: 880-26580-35
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 16:49	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 21:01	SMC	EET MID

Client Sample ID: CF-036-06.0-NA-P

Lab Sample ID: 880-26580-36
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 04:09	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 17:10	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 21:05	SMC	EET MID

Client Sample ID: CF-037-06.0-NA-P

Lab Sample ID: 880-26580-37
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 04:35	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 17:32	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 21:10	SMC	EET MID

Client Sample ID: CF-038-06.0-NA-P

Lab Sample ID: 880-26580-38
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 05:01	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 18:15	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-038-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 21:14	SMC	EET MID

Client Sample ID: CF-039-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 05:28	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 17:53	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 21:19	SMC	EET MID

Client Sample ID: CF-040-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 05:54	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 18:37	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50497	04/06/23 10:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50738	04/08/23 21:23	SMC	EET MID

Client Sample ID: CF-041-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-41

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50479	04/06/23 10:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 06:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/08/23 09:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50097	04/02/23 15:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 18:58	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 20:06	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-042-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-42

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 10:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 10:50	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 20:20	SMC	EET MID

Client Sample ID: CF-043-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 10:48	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 11:56	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 20:25	SMC	EET MID

Client Sample ID: CF-044-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-44

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 11:15	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 12:18	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 20:30	SMC	EET MID

Client Sample ID: CF-045-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-45

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 11:42	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-045-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-45

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50214	04/03/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 12:40	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 20:35	SMC	EET MID

Client Sample ID: CF-046-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-46

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 12:09	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 13:02	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 20:49	SMC	EET MID

Client Sample ID: CF-047-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 12:35	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 13:25	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 20:54	SMC	EET MID

Client Sample ID: CF-048-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-48

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 13:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50213	04/03/23 14:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 22:15	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-048-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-48

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 20:59	SMC	EET MID

Client Sample ID: CF-049-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-49

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 13:28	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50213	04/03/23 14:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 22:37	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 21:04	SMC	EET MID

Client Sample ID: CF-050-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 13:54	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50213	04/03/23 14:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 22:59	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 21:08	SMC	EET MID

Client Sample ID: CF-051-06.0-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-51

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 14:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50213	04/03/23 14:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 23:21	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 21:13	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-052-06.0-NA-P

Lab Sample ID: 880-26580-52
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 16:07	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 15:43	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 21:28	SMC	EET MID

Client Sample ID: CF-053-00.3-NA-P

Lab Sample ID: 880-26580-53
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 16:33	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 16:04	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 21:33	SMC	EET MID

Client Sample ID: CF-054-00.3-NA-P

Lab Sample ID: 880-26580-54
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 17:00	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 16:26	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 21:47	SMC	EET MID

Client Sample ID: CF-055-00.3-NA-P

Lab Sample ID: 880-26580-55
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 17:27	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-055-00.3-NA-P

Lab Sample ID: 880-26580-55
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50214	04/03/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 16:49	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 21:52	SMC	EET MID

Client Sample ID: CF-056-00.3-NA-P

Lab Sample ID: 880-26580-56
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 17:53	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.031 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 17:10	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 21:57	SMC	EET MID

Client Sample ID: CF-057-00.3-NA-P

Lab Sample ID: 880-26580-57
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 18:20	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/03/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 17:32	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 22:02	SMC	EET MID

Client Sample ID: CF-058-00.3-NA-P

Lab Sample ID: 880-26580-58
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 18:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 10:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 17:53	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-058-00.3-NA-P

Lab Sample ID: 880-26580-58
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 22:06	SMC	EET MID

Client Sample ID: CF-059-00.3-NA-P

Lab Sample ID: 880-26580-59
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 19:13	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 10:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 18:15	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 22:11	SMC	EET MID

Client Sample ID: CF-060-00.3-NA-P

Lab Sample ID: 880-26580-60
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50481	04/06/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50521	04/08/23 19:39	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/10/23 11:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 10:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 18:37	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50498	04/06/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50732	04/08/23 22:16	SMC	EET MID

Client Sample ID: CF-061-00.3-NA-P

Lab Sample ID: 880-26580-61
Date Collected: 03/28/23 00:00
Matrix: Solid
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50431	04/05/23 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50512	04/07/23 08:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/07/23 18:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 10:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50098	04/02/23 15:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50110	04/03/23 18:58	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50499	04/06/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50740	04/09/23 12:21	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-062-00.3-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-62

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50431	04/05/23 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50512	04/07/23 08:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/07/23 18:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50213	04/03/23 14:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/03/23 23:43	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50499	04/06/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50740	04/09/23 12:34	SMC	EET MID

Client Sample ID: CF-063-00.3-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-63

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50431	04/05/23 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50512	04/07/23 09:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/07/23 18:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50213	04/03/23 14:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/04/23 00:04	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50499	04/06/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50740	04/09/23 12:39	SMC	EET MID

Client Sample ID: CF-065-00.3-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-65

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50431	04/05/23 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50512	04/07/23 09:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/07/23 18:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50213	04/03/23 14:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/04/23 00:26	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50499	04/06/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50740	04/09/23 12:43	SMC	EET MID

Client Sample ID: CF-066-00.3-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-66

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50431	04/05/23 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50512	04/07/23 09:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/07/23 18:40	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-066-00.3-NA-P

Lab Sample ID: 880-26580-66
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50213	04/03/23 14:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/04/23 00:47	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50499	04/06/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50740	04/09/23 12:48	SMC	EET MID

Client Sample ID: CF-067-00.3-NA-P

Lab Sample ID: 880-26580-67
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50431	04/05/23 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50512	04/07/23 10:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/07/23 18:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50213	04/03/23 14:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/04/23 01:29	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50499	04/06/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50740	04/09/23 13:02	SMC	EET MID

Client Sample ID: CF-068-00.3-NA-P

Lab Sample ID: 880-26580-68
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50431	04/05/23 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50512	04/07/23 10:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/07/23 18:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50213	04/03/23 14:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/04/23 01:50	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50499	04/06/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50740	04/09/23 13:06	SMC	EET MID

Client Sample ID: CF-070-00.3-NA-P

Lab Sample ID: 880-26580-70
Matrix: Solid
Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50431	04/05/23 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50512	04/07/23 10:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/07/23 18:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50213	04/03/23 14:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/04/23 02:11	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Client Sample ID: CF-070-00.3-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-70

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	50499	04/06/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50740	04/09/23 13:11	SMC	EET MID

Client Sample ID: CF-071-00.3-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-71

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50431	04/05/23 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50512	04/07/23 11:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/07/23 18:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50213	04/03/23 14:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/04/23 02:32	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50499	04/06/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50740	04/09/23 13:15	SMC	EET MID

Client Sample ID: CF-072-00.3-NA-P

Date Collected: 03/28/23 00:00
Date Received: 03/30/23 11:17

Lab Sample ID: 880-26580-72

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50431	04/05/23 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50512	04/07/23 11:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50645	04/07/23 18:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			50214	04/04/23 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50213	04/03/23 14:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50112	04/04/23 02:54	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50499	04/06/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50740	04/09/23 13:20	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26580-1
Project/Site: Crazy Horse CTB
SDG: Eddy Co., NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26580-1	CF-001-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-2	CF-002-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-3	CF-003-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-4	CF-004-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-5	CF-005-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-6	CF-006-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-7	CF-007-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-9	CF-009-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-10	CF-010-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-11	CF-011-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-12	CF-012-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-13	CF-013-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-14	CF-014-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-15	CF-015-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-16	CF-016-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-17	CF-017-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-18	CF-018-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-19	CF-019-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-20	CF-020-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-21	CF-021-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-22	CF-022-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-23	CF-023-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-24	CF-024-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-25	CF-025-04.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-26	CF-026-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-27	CF-027-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-28	CF-028-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-29	CF-029-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-30	CF-030-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-31	CF-031-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-32	CF-032-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-33	CF-033-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-34	CF-034-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-35	CF-035-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-36	CF-036-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-37	CF-037-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-38	CF-038-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-39	CF-039-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-40	CF-040-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-41	CF-041-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-42	CF-042-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-43	CF-043-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-44	CF-044-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-45	CF-045-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-46	CF-046-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-47	CF-047-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-48	CF-048-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-49	CF-049-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-50	CF-050-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-51	CF-051-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-52	CF-052-06.0-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-53	CF-053-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-54	CF-054-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-55	CF-055-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17

Sample Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: Crazy Horse CTB

Job ID: 880-26580-1
SDG: Eddy Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26580-56	CF-056-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-57	CF-057-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-58	CF-058-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-59	CF-059-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-60	CF-060-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-61	CF-061-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-62	CF-062-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-63	CF-063-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-65	CF-065-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-66	CF-066-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-67	CF-067-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-68	CF-068-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-70	CF-070-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-71	CF-071-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17
880-26580-72	CF-072-00.3-NA-P	Solid	03/28/23 00:00	03/30/23 11:17

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 26580

www.xenco.com Page 1 of 8

Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP	Hobbs, NM 88241	City, State ZIP	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT

Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	CF8
Cooler Custody Seals:	Yes No N/A	Correction Factor	-.30
Sample Custody Seals:	Yes No N/A	Temperature Reading	3.9
Total Containers:		Corrected Temperature:	3.1

ANALYSIS REQUEST

Preservative Codes

None NO | DI Water H_2O
Cool. Cool | MeOH Me
HCL HC | HNO_3. HN
H_2S0_4. H_2 | NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-001-04 0-NA-P	Soil	3/28/2023			C	1		X	X	X	402
CF-002-04 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-003-04 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-004-04 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-005-04.0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-006-04 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-007-04 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-008-04 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-009-04.0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-010-04 0-NA-P	Soil	3/28/2023			C	1		X	X	X	

880-26580 Chain of Custody

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1			3/29 3:56	2		3/29/23
3				4		1117
5				6		

Revised Date: 08/25/2020 Rev. 2020.2

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

Work Order No: 246580

www.xenco.com Page 2 of 8

Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email	Montgomery Floyd@permianres com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co , NM	Due Date:	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4.30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-011-04 0-NA-P	Soil	3/28/2023			C	1	X	X	X	
CF-012-04 0-NA-P	Soil	3/28/2023			C	1	X	X	X	
CF-013-04 0-NA-P	Soil	3/28/2023			C	1	X	X	X	
CF-014-04 0-NA-P	Soil	3/28/2023			C	1	X	X	X	
CF-015-04 0-NA-P	Soil	3/28/2023			C	1	X	X	X	
CF-016-04 0-NA-P	Soil	3/28/2023			C	1	X	X	X	
CF-017-04 0-NA-P	Soil	3/28/2023			C	1	X	X	X	
CF-018-04 0-NA-P	Soil	3/28/2023			C	1	X	X	X	
CF-019-04 0-NA-P	Soil	3/28/2023			C	1	X	X	X	
CF-020-04 0-NA-P	Soil	3/28/2023			C	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1			3/29 3:52	2		3/30/23 11:17
3				4		
5				6		

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Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 246580

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date:	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-021-04 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-022-04 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-023-04.0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-024-04.0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-025-04 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-026-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-027-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-028-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-029-06.0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-030-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1			3/29 3:56	2		3/30/23 1117
3				4		
5				6		

Revised Date: 08/25/2020 Rev: 2020.2

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Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 216580

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4.30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-031-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-032-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-033-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-034-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-035-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-036-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-037-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-038-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-039-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-040-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	

Parameters

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1		3/29 3:50	2		3/30/23 1117
3			4		
5			6		

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Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 265800

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	☐ Routine ☐ Rush
Project Number:	7520	Due Date	
Project Location:	Eddy Co., NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	KA		
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-041-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-042-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-043-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-044-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-045-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-046-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-047-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-048-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-049-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-050-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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3			4		
5			6		

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Work Order No: 26580

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-051-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-052-06 0-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-053-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-054-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-055-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-056-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-057-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-058-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
~~CF-059-00 3-NA-P~~	~~Soil~~	~~3/28/2023~~			~~C~~	~~1~~		~~X~~	~~X~~	~~X~~	
CF-060-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	

Parameters

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

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

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1			3/29/23 3:56	2		3/30/23 1117
3				4		
5				6		

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Work Order No: 26580

Page 7 of 8

Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co , NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4.30pm	
PO #:			

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$, $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-061-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-062-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-063-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-064-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-065-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-066-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-067-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-068-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
~~CF-069-00 3-NA-P~~	~~Soil~~	~~3/28/2023~~			~~C~~	~~1~~		~~X~~	~~X~~	~~X~~	
CF-070-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	

Total 200.7 / 6010 **200.8 / 6020**: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

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

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3				4		1117
5				6		

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Work Order No: 26580

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	☐ Routine ☐ Rush
Project Number:	7520	Due Date	
Project Location:	Eddy Co., NM	TAT starts the day received by the lab if received by 4.30pm	
Sampler's Name:	KA		
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None NO | DI Water H_2O
Cool Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2S0_4 H_2 | NaOH Na
H_3PO_4: HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-071-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	
CF-072-00 3-NA-P	Soil	3/28/2023			C	1		X	X	X	

Loc: 880
26580

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1		3/29 3:54	4		3/30/23
3					1112
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

Login Sample Receipt Checklist

Client: Trinity Oilfield Services & Rentals, LLC

Job Number: 880-26580-1
SDG Number: Eddy Co., NM

Login Number: 26580
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Dan Dunkelberg
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, New Mexico 88241

Generated 4/17/2023 9:09:24 AM

JOB DESCRIPTION

7520 Crazy Horse CTB
SDG NUMBER Eddy Co., NM

JOB NUMBER

880-26670-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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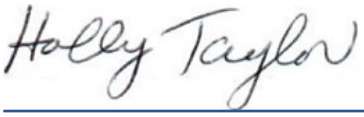
Eurofins Midland

Job Notes

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

Authorization



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Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

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QC Sample Results 73
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Method Summary 138
Sample Summary 139
Chain of Custody 141
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Definitions/Glossary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Job ID: 880-26670-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-26670-1

Receipt
The samples were received on 4/3/2023 8:15 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 3.0°C

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-075-00.3-NA-P (880-26670-3), CF-145-00.3-NA-P (880-26670-73) and CF-148-00.3-NA-P (880-26670-76). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-50515 and analytical batch 880-50556. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50518 and analytical batch 880-50561 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50516 and analytical batch 880-50706 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CF-096-00.3-NA-P (880-26670-24). 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 880-50317 and analytical batch 880-50350 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-50535 and analytical batch 880-50654 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.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50507 and analytical batch 880-50744 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.CF-073-00.3-NA-P (880-26670-1), CF-074-00.3-NA-P (880-26670-2), CF-075-00.3-NA-P (880-26670-3), CF-076-00.3-NA-P (880-26670-4), CF-077-00.3-NA-P (880-26670-5), CF-078-00.3-NA-P (880-26670-6), CF-079-00.3-NA-P (880-26670-7), CF-080-00.3-NA-P (880-26670-8), CF-081-00.3-NA-P (880-26670-9), CF-082-00.3-NA-P (880-26670-10), (880-26670-A-1-C MS) and (880-26670-A-1-D MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50507 and analytical batch 880-50744 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.CF-083-00.3-NA-P (880-26670-11), CF-084-00.3-NA-P (880-26670-12), CF-085-00.3-NA-P (880-26670-13), CF-086-00.3-NA-P (880-26670-14), CF-087-00.3-NA-P (880-26670-15), CF-088-00.3-NA-P (880-26670-16), CF-089-00.3-NA-P (880-26670-17), CF-090-00.3-NA-P (880-26670-18), CF-091-00.3-NA-P (880-26670-19), CF-092-00.3-NA-P (880-26670-20), (880-26670-A-11-C MS) and

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Job ID: 880-26670-1 (Continued)

Laboratory: Eurofins Midland (Continued)

(880-26670-A-11-D MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50508 and analytical batch 880-50745 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.CF-093-00.3-NA-P (880-26670-21), CF-094-00.3-NA-P (880-26670-22), CF-095-00.3-NA-P (880-26670-23), CF-096-00.3-NA-P (880-26670-24), CF-097-00.3-NA-P (880-26670-25), CF-098-00.3-NA-P (880-26670-26), CF-099-00.3-NA-P (880-26670-27), CF-100-00.3-NA-P (880-26670-28), CF-101-00.3-NA-P (880-26670-29), CF-102-00.3-NA-P (880-26670-30), (880-26670-A-21-E MS) and (880-26670-A-21-F MSD)

Method 300_ORGFM_28D: The matrix spike (MS) recoveries for preparation batch 880-50508 and analytical batch 880-50745 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.CF-103-00.3-NA-P (880-26670-31), CF-104-00.3-NA-P (880-26670-32), CF-105-00.3-NA-P (880-26670-33), CF-106-00.3-NA-P (880-26670-34), CF-107-00.3-NA-P (880-26670-35), CF-108-00.3-NA-P (880-26670-36), CF-109-00.3-NA-P (880-26670-37), CF-110-00.3-NA-P (880-26670-38), CF-111-00.3-NA-P (880-26670-39), CF-112-00.3-NA-P (880-26670-40) and (880-26670-A-31-C MS)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50511 and analytical batch 880-50746 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.CF-133-06.0-NA-P (880-26670-61), CF-134-06.0-NA-P (880-26670-62), CF-135-06.0-NA-P (880-26670-63), CF-136-06.0-NA-P (880-26670-64), CF-137-06.0-NA-P (880-26670-65), CF-138-06.0-NA-P (880-26670-66), CF-139-06.0-NA-P (880-26670-67), CF-140-06.0-NA-P (880-26670-68), CF-141-06.0-NA-P (880-26670-69), CF-142-06.0-NA-P (880-26670-70), (880-26670-A-61-E MS) and (880-26670-A-61-F MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50509 and analytical batch 880-50742 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.CF-113-00.3-NA-P (880-26670-41), CF-114-00.3-NA-P (880-26670-42), CF-115-00.3-NA-P (880-26670-43), CF-116-00.3-NA-P (880-26670-44), CF-117-00.3-NA-P (880-26670-45), CF-118-00.3-NA-P (880-26670-46), CF-119-00.3-NA-P (880-26670-47), CF-120-00.3-NA-P (880-26670-48), CF-121-04.0-NA-P (880-26670-49), CF-122-04.0-NA-P (880-26670-50), (880-26670-A-41-E MS) and (880-26670-A-41-F MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50509 and 880-50509 and analytical batch 880-50742 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.CF-123-04.0-NA-P (880-26670-51), CF-124-04.0-NA-P (880-26670-52), CF-125-04.0-NA-P (880-26670-53), CF-126-04.0-NA-P (880-26670-54), CF-127-04.0-NA-P (880-26670-55), CF-128-06.0-NA-P (880-26670-56), CF-129-06.0-NA-P (880-26670-57), CF-130-06.0-NA-P (880-26670-58), CF-131-06.0-NA-P (880-26670-59), CF-132-06.0-NA-P (880-26670-60), (880-26670-A-51-C MS) and (880-26670-A-51-D MSD)

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

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-073-00.3-NA-P

Lab Sample ID: 880-26670-1
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1	0.00198		mg/Kg		04/06/23 12:05	04/08/23 00:01	1
Toluene	<0.00198	U F1	0.00198		mg/Kg		04/06/23 12:05	04/08/23 00:01	1
Ethylbenzene	<0.00198	U F1	0.00198		mg/Kg		04/06/23 12:05	04/08/23 00:01	1
m,p-Xylenes	<0.00396	U F1	0.00396		mg/Kg		04/06/23 12:05	04/08/23 00:01	1
o-Xylene	<0.00198	U F1	0.00198		mg/Kg		04/06/23 12:05	04/08/23 00:01	1
Xylenes, Total	<0.00396	U F1	0.00396		mg/Kg		04/06/23 12:05	04/08/23 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*04/06/23 12:05*	*04/08/23 00:01*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/06/23 12:05*	*04/08/23 00:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 21:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 21:40	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/04/23 14:45*	*04/07/23 21:40*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/04/23 14:45*	*04/07/23 21:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.9**	**F1**	4.96		mg/Kg			04/09/23 16:14	1

Client Sample ID: CF-074-00.3-NA-P

Lab Sample ID: 880-26670-2
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 00:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 00:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 00:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:05	04/08/23 00:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 00:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:05	04/08/23 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/06/23 12:05*	*04/08/23 00:21*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/06/23 12:05*	*04/08/23 00:21*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-074-00.3-NA-P

Lab Sample ID: 880-26670-2
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 20:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 20:35	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/04/23 14:45*	*04/07/23 20:35*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*04/04/23 14:45*	*04/07/23 20:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		5.02		mg/Kg			04/09/23 16:28	1

Client Sample ID: CF-075-00.3-NA-P

Lab Sample ID: 880-26670-3
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 00:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 00:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 00:42	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 12:05	04/08/23 00:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 00:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 12:05	04/08/23 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*04/06/23 12:05*	*04/08/23 00:42*	*1*
1,4-Difluorobenzene (Surr)	*64*	*S1-*	*70 - 130*	*04/06/23 12:05*	*04/08/23 00:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/07/23 22:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/07/23 22:01	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-075-00.3-NA-P

Lab Sample ID: 880-26670-3
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/07/23 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/04/23 14:45*	*04/07/23 22:01*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*04/04/23 14:45*	*04/07/23 22:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**154**		5.01		mg/Kg			04/09/23 16:33	1

Client Sample ID: CF-076-00.3-NA-P

Lab Sample ID: 880-26670-4
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 01:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 01:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 01:03	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 12:05	04/08/23 01:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 01:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 12:05	04/08/23 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 12:05*	*04/08/23 01:03*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/06/23 12:05*	*04/08/23 01:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/07/23 22:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/07/23 22:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/07/23 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/04/23 14:45*	*04/07/23 22:22*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*04/04/23 14:45*	*04/07/23 22:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		5.05		mg/Kg			04/09/23 16:38	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-077-00.3-NA-P

Lab Sample ID: 880-26670-5
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:05	04/08/23 01:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:05	04/08/23 01:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:05	04/08/23 01:23	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/06/23 12:05	04/08/23 01:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:05	04/08/23 01:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/06/23 12:05	04/08/23 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 12:05*	*04/08/23 01:23*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 12:05*	*04/08/23 01:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 22:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 22:44	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/04/23 14:45*	*04/07/23 22:44*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*04/04/23 14:45*	*04/07/23 22:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**137**		5.04		mg/Kg			04/09/23 16:43	1

Client Sample ID: CF-078-00.3-NA-P

Lab Sample ID: 880-26670-6
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:05	04/08/23 01:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:05	04/08/23 01:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:05	04/08/23 01:43	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 12:05	04/08/23 01:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:05	04/08/23 01:43	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 12:05	04/08/23 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/06/23 12:05*	*04/08/23 01:43*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 12:05*	*04/08/23 01:43*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-078-00.3-NA-P

Lab Sample ID: 880-26670-6
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 23:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 23:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/04/23 14:45*	*04/07/23 23:06*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/04/23 14:45*	*04/07/23 23:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		5.04		mg/Kg			04/09/23 17:47	1

Client Sample ID: CF-079-00.3-NA-P

Lab Sample ID: 880-26670-7
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 02:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 02:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 02:04	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:05	04/08/23 02:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 02:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:05	04/08/23 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 12:05*	*04/08/23 02:04*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/06/23 12:05*	*04/08/23 02:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/07/23 23:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/07/23 23:28	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-079-00.3-NA-P

Lab Sample ID: 880-26670-7
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/07/23 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/04/23 14:45*	*04/07/23 23:28*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*04/04/23 14:45*	*04/07/23 23:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.0**		5.00		mg/Kg			04/09/23 17:52	1

Client Sample ID: CF-080-00.3-NA-P

Lab Sample ID: 880-26670-8
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 02:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 02:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 02:24	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 12:05	04/08/23 02:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 02:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 12:05	04/08/23 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/06/23 12:05*	*04/08/23 02:24*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/06/23 12:05*	*04/08/23 02:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 23:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 23:50	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/07/23 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/04/23 14:45*	*04/07/23 23:50*	*1*
o-Terphenyl (Surr)	*72*		*70 - 130*	*04/04/23 14:45*	*04/07/23 23:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**133**		5.03		mg/Kg			04/09/23 17:57	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-081-00.3-NA-P

Lab Sample ID: 880-26670-9
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 02:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 02:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 02:45	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 12:05	04/08/23 02:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 02:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 12:05	04/08/23 02:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/06/23 12:05*	*04/08/23 02:45*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/06/23 12:05*	*04/08/23 02:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 00:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 00:11	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/04/23 14:45*	*04/08/23 00:11*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/04/23 14:45*	*04/08/23 00:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		5.02		mg/Kg			04/09/23 18:02	1

Client Sample ID: CF-082-00.3-NA-P

Lab Sample ID: 880-26670-10
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:05	04/08/23 03:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:05	04/08/23 03:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:05	04/08/23 03:05	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/06/23 12:05	04/08/23 03:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:05	04/08/23 03:05	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/06/23 12:05	04/08/23 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/06/23 12:05*	*04/08/23 03:05*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/06/23 12:05*	*04/08/23 03:05*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-082-00.3-NA-P

Lab Sample ID: 880-26670-10
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 00:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 00:33	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/04/23 14:45*	*04/08/23 00:33*	*1*
o-Terphenyl (Surr)	*72*		*70 - 130*	*04/04/23 14:45*	*04/08/23 00:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**149**		4.97		mg/Kg			04/09/23 18:06	1

Client Sample ID: CF-083-00.3-NA-P

Lab Sample ID: 880-26670-11
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 04:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 04:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 04:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:05	04/08/23 04:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 04:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:05	04/08/23 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*04/06/23 12:05*	*04/08/23 04:28*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/06/23 12:05*	*04/08/23 04:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 01:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 01:17	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-083-00.3-NA-P

Lab Sample ID: 880-26670-11
Date Collected: 03/29/23 00:00
Matrix: Solid
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/04/23 14:45*	*04/08/23 01:17*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*04/04/23 14:45*	*04/08/23 01:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**127**	**F1**	4.99		mg/Kg			04/09/23 18:11	1

Client Sample ID: CF-084-00.3-NA-P

Lab Sample ID: 880-26670-12
Date Collected: 03/29/23 00:00
Matrix: Solid
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 04:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 04:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 04:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 12:05	04/08/23 04:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 04:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 12:05	04/08/23 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/06/23 12:05*	*04/08/23 04:49*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/06/23 12:05*	*04/08/23 04:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 01:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 01:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/04/23 14:45*	*04/08/23 01:38*	*1*
o-Terphenyl (Surr)	*72*		*70 - 130*	*04/04/23 14:45*	*04/08/23 01:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**123**		5.02		mg/Kg			04/09/23 18:26	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-085-00.3-NA-P

Lab Sample ID: 880-26670-13
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 05:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 05:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 05:09	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 12:05	04/08/23 05:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 05:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 12:05	04/08/23 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/06/23 12:05*	*04/08/23 05:09*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/06/23 12:05*	*04/08/23 05:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 01:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 01:59	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/04/23 14:45*	*04/08/23 01:59*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*04/04/23 14:45*	*04/08/23 01:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		5.04		mg/Kg			04/09/23 18:31	1

Client Sample ID: CF-086-00.3-NA-P

Lab Sample ID: 880-26670-14
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 05:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 05:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 05:29	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 12:05	04/08/23 05:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 05:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 12:05	04/08/23 05:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 12:05*	*04/08/23 05:29*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 12:05*	*04/08/23 05:29*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-086-00.3-NA-P

Lab Sample ID: 880-26670-14
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 02:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 02:20	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 02:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/04/23 14:45*	*04/08/23 02:20*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/04/23 14:45*	*04/08/23 02:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.5**		4.99		mg/Kg			04/09/23 18:45	1

Client Sample ID: CF-087-00.3-NA-P

Lab Sample ID: 880-26670-15
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 05:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 05:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 05:50	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:05	04/08/23 05:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 05:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:05	04/08/23 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 12:05*	*04/08/23 05:50*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/06/23 12:05*	*04/08/23 05:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/04/23 14:45	04/08/23 02:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/04/23 14:45	04/08/23 02:41	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-087-00.3-NA-P

Lab Sample ID: 880-26670-15
Date Collected: 03/29/23 00:00
Matrix: Solid
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/04/23 14:45	04/08/23 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/04/23 14:45*	*04/08/23 02:41*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/04/23 14:45*	*04/08/23 02:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		4.98		mg/Kg			04/09/23 18:50	1

Client Sample ID: CF-088-00.3-NA-P

Lab Sample ID: 880-26670-16
Date Collected: 03/29/23 00:00
Matrix: Solid
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 06:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 06:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 06:10	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:05	04/08/23 06:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:05	04/08/23 06:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:05	04/08/23 06:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/06/23 12:05*	*04/08/23 06:10*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/06/23 12:05*	*04/08/23 06:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 03:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 03:03	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 03:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/04/23 14:45*	*04/08/23 03:03*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/04/23 14:45*	*04/08/23 03:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		5.01		mg/Kg			04/09/23 18:55	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-089-00.3-NA-P

Lab Sample ID: 880-26670-17
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 06:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 06:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 06:31	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 12:05	04/08/23 06:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 06:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 12:05	04/08/23 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/06/23 12:05*	*04/08/23 06:31*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*04/06/23 12:05*	*04/08/23 06:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 03:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 03:24	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 03:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/04/23 14:45*	*04/08/23 03:24*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*04/04/23 14:45*	*04/08/23 03:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**132**		4.97		mg/Kg			04/09/23 19:00	1

Client Sample ID: CF-090-00.3-NA-P

Lab Sample ID: 880-26670-18
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 06:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 06:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 06:51	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 12:05	04/08/23 06:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:05	04/08/23 06:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 12:05	04/08/23 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/06/23 12:05*	*04/08/23 06:51*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/06/23 12:05*	*04/08/23 06:51*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-090-00.3-NA-P

Lab Sample ID: 880-26670-18
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 03:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 03:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/04/23 14:45*	*04/08/23 03:45*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/04/23 14:45*	*04/08/23 03:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**123**		4.95		mg/Kg			04/09/23 19:04	1

Client Sample ID: CF-091-00.3-NA-P

Lab Sample ID: 880-26670-19
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 07:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 07:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 07:12	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 12:05	04/08/23 07:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/08/23 07:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 12:05	04/08/23 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/06/23 12:05*	*04/08/23 07:12*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 12:05*	*04/08/23 07:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 04:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 04:06	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-091-00.3-NA-P

Lab Sample ID: 880-26670-19
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:45	04/08/23 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/04/23 14:45*	*04/08/23 04:06*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*04/04/23 14:45*	*04/08/23 04:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		5.03		mg/Kg			04/09/23 19:09	1

Client Sample ID: CF-092-00.3-NA-P

Lab Sample ID: 880-26670-20
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:05	04/08/23 07:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:05	04/08/23 07:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:05	04/08/23 07:32	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 12:05	04/08/23 07:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:05	04/08/23 07:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 12:05	04/08/23 07:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/06/23 12:05*	*04/08/23 07:32*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/06/23 12:05*	*04/08/23 07:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 04:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 04:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/08/23 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/04/23 14:45*	*04/08/23 04:28*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/04/23 14:45*	*04/08/23 04:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58.5**		5.05		mg/Kg			04/09/23 19:14	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-093-00.3-NA-P

Lab Sample ID: 880-26670-21
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:06	04/08/23 19:43	1
Toluene	<0.00198	U F1	0.00198		mg/Kg		04/06/23 12:06	04/08/23 19:43	1
Ethylbenzene	<0.00198	U F1	0.00198		mg/Kg		04/06/23 12:06	04/08/23 19:43	1
m,p-Xylenes	<0.00396	U F1	0.00396		mg/Kg		04/06/23 12:06	04/08/23 19:43	1
o-Xylene	<0.00198	U F1	0.00198		mg/Kg		04/06/23 12:06	04/08/23 19:43	1
Xylenes, Total	<0.00396	U F1	0.00396		mg/Kg		04/06/23 12:06	04/08/23 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/06/23 12:06*	*04/08/23 19:43*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/06/23 12:06*	*04/08/23 19:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/07/23 20:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/07/23 20:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/07/23 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/04/23 14:47*	*04/07/23 20:35*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/04/23 14:47*	*04/07/23 20:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**	**F1**	5.05		mg/Kg			04/09/23 19:53	1

Client Sample ID: CF-094-00.3-NA-P

Lab Sample ID: 880-26670-22
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 20:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 20:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 20:03	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/08/23 20:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 20:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/08/23 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/06/23 12:06*	*04/08/23 20:03*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/06/23 12:06*	*04/08/23 20:03*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-094-00.3-NA-P

Lab Sample ID: 880-26670-22
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/07/23 21:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/07/23 21:40	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/07/23 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/04/23 14:47*	*04/07/23 21:40*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/04/23 14:47*	*04/07/23 21:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		5.02		mg/Kg			04/09/23 20:07	1

Client Sample ID: CF-095-00.3-NA-P

Lab Sample ID: 880-26670-23
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 20:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 20:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 20:24	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/08/23 20:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 20:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/08/23 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/06/23 12:06*	*04/08/23 20:24*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/06/23 12:06*	*04/08/23 20:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/07/23 22:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/07/23 22:01	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-095-00.3-NA-P

Lab Sample ID: 880-26670-23
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/07/23 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/04/23 14:47*	*04/07/23 22:01*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/04/23 14:47*	*04/07/23 22:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		5.04		mg/Kg			04/09/23 20:12	1

Client Sample ID: CF-096-00.3-NA-P

Lab Sample ID: 880-26670-24
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 20:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 20:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 20:44	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 12:06	04/08/23 20:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 20:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 12:06	04/08/23 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*04/06/23 12:06*	*04/08/23 20:44*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*04/06/23 12:06*	*04/08/23 20:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/07/23 22:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/07/23 22:22	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/07/23 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/04/23 14:47*	*04/07/23 22:22*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/04/23 14:47*	*04/07/23 22:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		4.99		mg/Kg			04/09/23 20:17	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-097-00.3-NA-P

Lab Sample ID: 880-26670-25
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:06	04/08/23 21:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:06	04/08/23 21:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:06	04/08/23 21:05	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 12:06	04/08/23 21:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:06	04/08/23 21:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 12:06	04/08/23 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/06/23 12:06*	*04/08/23 21:05*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 12:06*	*04/08/23 21:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/07/23 22:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/07/23 22:44	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/07/23 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/04/23 14:47*	*04/07/23 22:44*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/04/23 14:47*	*04/07/23 22:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**158**		5.01		mg/Kg			04/09/23 20:22	1

Client Sample ID: CF-098-00.3-NA-P

Lab Sample ID: 880-26670-26
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:06	04/08/23 21:25	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:06	04/08/23 21:25	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:06	04/08/23 21:25	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/06/23 12:06	04/08/23 21:25	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:06	04/08/23 21:25	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/06/23 12:06	04/08/23 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/06/23 12:06*	*04/08/23 21:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/06/23 12:06*	*04/08/23 21:25*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-098-00.3-NA-P

Lab Sample ID: 880-26670-26
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/07/23 23:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/07/23 23:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/07/23 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/04/23 14:47*	*04/07/23 23:06*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/04/23 14:47*	*04/07/23 23:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		4.97		mg/Kg			04/09/23 20:37	1

Client Sample ID: CF-099-00.3-NA-P

Lab Sample ID: 880-26670-27
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 21:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 21:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 21:45	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/08/23 21:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 21:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/08/23 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 12:06*	*04/08/23 21:45*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 12:06*	*04/08/23 21:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/07/23 23:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/07/23 23:28	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-099-00.3-NA-P

Lab Sample ID: 880-26670-27
Date Collected: 03/29/23 00:00
Matrix: Solid
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/07/23 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/04/23 14:47*	*04/07/23 23:28*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/04/23 14:47*	*04/07/23 23:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.0**		4.98		mg/Kg			04/09/23 20:41	1

Client Sample ID: CF-100-00.3-NA-P

Lab Sample ID: 880-26670-28
Date Collected: 03/29/23 00:00
Matrix: Solid
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 22:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 22:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 22:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/08/23 22:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/08/23 22:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/08/23 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/06/23 12:06*	*04/08/23 22:06*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/06/23 12:06*	*04/08/23 22:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/07/23 23:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/07/23 23:50	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/07/23 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*04/04/23 14:47*	*04/07/23 23:50*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/04/23 14:47*	*04/07/23 23:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		4.96		mg/Kg			04/09/23 20:46	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-101-00.3-NA-P

Lab Sample ID: 880-26670-29
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 22:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 22:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 22:26	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 12:06	04/08/23 22:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 22:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 12:06	04/08/23 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/06/23 12:06*	*04/08/23 22:26*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/06/23 12:06*	*04/08/23 22:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/08/23 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/08/23 00:11	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/08/23 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/04/23 14:47*	*04/08/23 00:11*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/04/23 14:47*	*04/08/23 00:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**167**		5.03		mg/Kg			04/09/23 20:51	1

Client Sample ID: CF-102-00.3-NA-P

Lab Sample ID: 880-26670-30
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 22:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 22:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 22:47	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 12:06	04/08/23 22:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 22:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 12:06	04/08/23 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/06/23 12:06*	*04/08/23 22:47*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/06/23 12:06*	*04/08/23 22:47*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-102-00.3-NA-P

Lab Sample ID: 880-26670-30
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/08/23 00:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/08/23 00:33	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/08/23 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/04/23 14:47*	*04/08/23 00:33*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/04/23 14:47*	*04/08/23 00:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		4.98		mg/Kg			04/09/23 20:56	1

Client Sample ID: CF-103-00.3-NA-P

Lab Sample ID: 880-26670-31
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:06	04/09/23 00:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:06	04/09/23 00:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:06	04/09/23 00:10	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 12:06	04/09/23 00:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:06	04/09/23 00:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 12:06	04/09/23 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/06/23 12:06*	*04/09/23 00:10*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/06/23 12:06*	*04/09/23 00:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/08/23 01:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/08/23 01:17	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-103-00.3-NA-P

Lab Sample ID: 880-26670-31
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/08/23 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/04/23 14:47*	*04/08/23 01:17*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/04/23 14:47*	*04/08/23 01:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**169**	**F1**	5.02		mg/Kg			04/09/23 21:01	1

Client Sample ID: CF-104-00.3-NA-P

Lab Sample ID: 880-26670-32
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 00:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 00:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 00:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/09/23 00:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 00:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/09/23 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/06/23 12:06*	*04/09/23 00:30*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 12:06*	*04/09/23 00:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 01:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 01:38	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/04/23 14:47*	*04/08/23 01:38*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/04/23 14:47*	*04/08/23 01:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		4.97		mg/Kg			04/09/23 21:15	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-105-00.3-NA-P

Lab Sample ID: 880-26670-33
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 00:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 00:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 00:50	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/09/23 00:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 00:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/09/23 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/06/23 12:06*	*04/09/23 00:50*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 12:06*	*04/09/23 00:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/08/23 01:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/08/23 01:59	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/08/23 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/04/23 14:47*	*04/08/23 01:59*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/04/23 14:47*	*04/08/23 01:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**139**		4.97		mg/Kg			04/09/23 21:20	1

Client Sample ID: CF-106-00.3-NA-P

Lab Sample ID: 880-26670-34
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/09/23 01:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/09/23 01:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/09/23 01:11	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 12:06	04/09/23 01:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/09/23 01:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 12:06	04/09/23 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/06/23 12:06*	*04/09/23 01:11*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/06/23 12:06*	*04/09/23 01:11*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-106-00.3-NA-P

Lab Sample ID: 880-26670-34
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 02:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 02:20	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 02:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/04/23 14:47*	*04/08/23 02:20*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/04/23 14:47*	*04/08/23 02:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**137**		4.98		mg/Kg			04/09/23 21:35	1

Client Sample ID: CF-107-00.3-NA-P

Lab Sample ID: 880-26670-35
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:06	04/09/23 01:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:06	04/09/23 01:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:06	04/09/23 01:31	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 12:06	04/09/23 01:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:06	04/09/23 01:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 12:06	04/09/23 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 12:06*	*04/09/23 01:31*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/06/23 12:06*	*04/09/23 01:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/08/23 02:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/08/23 02:41	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-107-00.3-NA-P

Lab Sample ID: 880-26670-35
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/08/23 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/04/23 14:47*	*04/08/23 02:41*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/04/23 14:47*	*04/08/23 02:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		5.00		mg/Kg			04/09/23 21:40	1

Client Sample ID: CF-108-00.3-NA-P

Lab Sample ID: 880-26670-36
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/09/23 01:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/09/23 01:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/09/23 01:52	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 12:06	04/09/23 01:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/09/23 01:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 12:06	04/09/23 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/06/23 12:06*	*04/09/23 01:52*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/06/23 12:06*	*04/09/23 01:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 03:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 03:03	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 03:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/04/23 14:47*	*04/08/23 03:03*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/04/23 14:47*	*04/08/23 03:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**123**		5.00		mg/Kg			04/09/23 21:44	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-109-00.3-NA-P

Lab Sample ID: 880-26670-37
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:06	04/09/23 02:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:06	04/09/23 02:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:06	04/09/23 02:12	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 12:06	04/09/23 02:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:06	04/09/23 02:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 12:06	04/09/23 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/06/23 12:06*	*04/09/23 02:12*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/06/23 12:06*	*04/09/23 02:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/08/23 03:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/08/23 03:24	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/08/23 03:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/04/23 14:47*	*04/08/23 03:24*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/04/23 14:47*	*04/08/23 03:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		5.04		mg/Kg			04/09/23 21:49	1

Client Sample ID: CF-110-00.3-NA-P

Lab Sample ID: 880-26670-38
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 02:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 02:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 02:33	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/09/23 02:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 02:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/09/23 02:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 12:06*	*04/09/23 02:33*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/06/23 12:06*	*04/09/23 02:33*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-110-00.3-NA-P

Lab Sample ID: 880-26670-38
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 03:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 03:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*04/04/23 14:47*	*04/08/23 03:45*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/04/23 14:47*	*04/08/23 03:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**		5.02		mg/Kg			04/09/23 21:54	1

Client Sample ID: CF-111-00.3-NA-P

Lab Sample ID: 880-26670-39
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 02:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 02:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 02:53	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/09/23 02:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:06	04/09/23 02:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:06	04/09/23 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/06/23 12:06*	*04/09/23 02:53*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/06/23 12:06*	*04/09/23 02:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/08/23 04:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/08/23 04:06	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-111-00.3-NA-P

Lab Sample ID: 880-26670-39
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/04/23 14:47	04/08/23 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*04/04/23 14:47*	*04/08/23 04:06*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/04/23 14:47*	*04/08/23 04:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**145**		5.05		mg/Kg			04/09/23 21:59	1

Client Sample ID: CF-112-00.3-NA-P

Lab Sample ID: 880-26670-40
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:06	04/09/23 03:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:06	04/09/23 03:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:06	04/09/23 03:13	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 12:06	04/09/23 03:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:06	04/09/23 03:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 12:06	04/09/23 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/06/23 12:06*	*04/09/23 03:13*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 12:06*	*04/09/23 03:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 04:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 04:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 14:47	04/08/23 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/04/23 14:47*	*04/08/23 04:28*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/04/23 14:47*	*04/08/23 04:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		5.04		mg/Kg			04/09/23 22:04	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-113-00.3-NA-P

Lab Sample ID: 880-26670-41
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199		mg/Kg		04/06/23 12:09	04/08/23 23:42	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		04/06/23 12:09	04/08/23 23:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/08/23 23:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/08/23 23:42	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		04/06/23 12:09	04/08/23 23:42	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		04/06/23 12:09	04/08/23 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 12:09*	*04/08/23 23:42*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/06/23 12:09*	*04/08/23 23:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 11:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 11:37	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/05/23 12:02*	*04/08/23 11:37*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/05/23 12:02*	*04/08/23 11:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**	**F1**	5.03		mg/Kg			04/09/23 20:34	1

Client Sample ID: CF-114-00.3-NA-P

Lab Sample ID: 880-26670-42
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 00:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 00:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 00:02	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 00:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 00:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*04/06/23 12:09*	*04/09/23 00:02*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/06/23 12:09*	*04/09/23 00:02*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-114-00.3-NA-P

Lab Sample ID: 880-26670-42
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 12:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 12:42	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/05/23 12:02*	*04/08/23 12:42*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/05/23 12:02*	*04/08/23 12:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		4.99		mg/Kg			04/09/23 20:47	1

Client Sample ID: CF-115-00.3-NA-P

Lab Sample ID: 880-26670-43
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 00:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 00:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 00:23	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 12:09	04/09/23 00:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 00:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 12:09	04/09/23 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/06/23 12:09*	*04/09/23 00:23*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/06/23 12:09*	*04/09/23 00:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 13:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 13:03	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-115-00.3-NA-P

Lab Sample ID: 880-26670-43
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/05/23 12:02*	*04/08/23 13:03*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/05/23 12:02*	*04/08/23 13:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**122**		5.00		mg/Kg			04/09/23 20:52	1

Client Sample ID: CF-116-00.3-NA-P

Lab Sample ID: 880-26670-44
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:09	04/09/23 00:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:09	04/09/23 00:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:09	04/09/23 00:44	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 12:09	04/09/23 00:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:09	04/09/23 00:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 12:09	04/09/23 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/06/23 12:09*	*04/09/23 00:44*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/06/23 12:09*	*04/09/23 00:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 13:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 13:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/05/23 12:02*	*04/08/23 13:25*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/05/23 12:02*	*04/08/23 13:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**135**		5.00		mg/Kg			04/09/23 20:56	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-117-00.3-NA-P

Lab Sample ID: 880-26670-45
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:09	04/09/23 01:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:09	04/09/23 01:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:09	04/09/23 01:04	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/06/23 12:09	04/09/23 01:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:09	04/09/23 01:04	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/06/23 12:09	04/09/23 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/06/23 12:09*	*04/09/23 01:04*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 12:09*	*04/09/23 01:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 13:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 13:47	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*04/05/23 12:02*	*04/08/23 13:47*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/05/23 12:02*	*04/08/23 13:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		4.97		mg/Kg			04/09/23 21:01	1

Client Sample ID: CF-118-00.3-NA-P

Lab Sample ID: 880-26670-46
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 01:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 01:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 01:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 01:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 01:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/06/23 12:09*	*04/09/23 01:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/06/23 12:09*	*04/09/23 01:25*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-118-00.3-NA-P

Lab Sample ID: 880-26670-46
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 14:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 14:09	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*04/05/23 12:02*	*04/08/23 14:09*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*04/05/23 12:02*	*04/08/23 14:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.9**		4.96		mg/Kg			04/09/23 21:15	1

Client Sample ID: CF-119-00.3-NA-P

Lab Sample ID: 880-26670-47
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 01:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 01:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 01:46	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 01:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 01:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/06/23 12:09*	*04/09/23 01:46*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 12:09*	*04/09/23 01:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 14:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 14:31	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-119-00.3-NA-P

Lab Sample ID: 880-26670-47
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/05/23 12:02*	*04/08/23 14:31*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/05/23 12:02*	*04/08/23 14:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		5.01		mg/Kg			04/09/23 21:19	1

Client Sample ID: CF-120-00.3-NA-P

Lab Sample ID: 880-26670-48
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:09	04/09/23 02:06	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:09	04/09/23 02:06	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:09	04/09/23 02:06	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 12:09	04/09/23 02:06	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:09	04/09/23 02:06	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 12:09	04/09/23 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/06/23 12:09*	*04/09/23 02:06*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/06/23 12:09*	*04/09/23 02:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 14:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 14:53	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/05/23 12:02*	*04/08/23 14:53*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/05/23 12:02*	*04/08/23 14:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**141**		5.03		mg/Kg			04/09/23 21:24	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-121-04.0-NA-P

Lab Sample ID: 880-26670-49
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 02:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 02:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 02:27	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 12:09	04/09/23 02:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 02:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 12:09	04/09/23 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/06/23 12:09*	*04/09/23 02:27*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/06/23 12:09*	*04/09/23 02:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 15:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 15:15	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*04/05/23 12:02*	*04/08/23 15:15*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/05/23 12:02*	*04/08/23 15:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		4.97		mg/Kg			04/09/23 21:28	1

Client Sample ID: CF-122-04.0-NA-P

Lab Sample ID: 880-26670-50
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 02:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 02:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 02:47	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 02:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 02:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/06/23 12:09*	*04/09/23 02:47*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/06/23 12:09*	*04/09/23 02:47*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-122-04.0-NA-P

Lab Sample ID: 880-26670-50
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 15:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 15:37	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/05/23 12:02*	*04/08/23 15:37*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/05/23 12:02*	*04/08/23 15:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**135**		5.02		mg/Kg			04/09/23 21:33	1

Client Sample ID: CF-123-04.0-NA-P

Lab Sample ID: 880-26670-51
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 04:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 04:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 04:11	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 04:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 04:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/06/23 12:09*	*04/09/23 04:11*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/06/23 12:09*	*04/09/23 04:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 16:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 16:29	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-123-04.0-NA-P

Lab Sample ID: 880-26670-51
Date Collected: 03/29/23 00:00
Matrix: Solid
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/05/23 12:02*	*04/08/23 16:29*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/05/23 12:02*	*04/08/23 16:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**166**	**F1**	5.05		mg/Kg			04/09/23 21:37	1

Client Sample ID: CF-124-04.0-NA-P

Lab Sample ID: 880-26670-52
Date Collected: 03/29/23 00:00
Matrix: Solid
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 04:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 04:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 04:31	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 12:09	04/09/23 04:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 04:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 12:09	04/09/23 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*04/06/23 12:09*	*04/09/23 04:31*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/06/23 12:09*	*04/09/23 04:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 16:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 16:51	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/05/23 12:02*	*04/08/23 16:51*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/05/23 12:02*	*04/08/23 16:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		4.96		mg/Kg			04/09/23 21:51	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-125-04.0-NA-P

Lab Sample ID: 880-26670-53
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 04:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 04:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 04:52	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 12:09	04/09/23 04:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 04:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 12:09	04/09/23 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/06/23 12:09*	*04/09/23 04:52*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/06/23 12:09*	*04/09/23 04:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 17:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 17:12	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/05/23 12:02*	*04/08/23 17:12*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/05/23 12:02*	*04/08/23 17:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**116**		4.95		mg/Kg			04/09/23 21:55	1

Client Sample ID: CF-126-04.0-NA-P

Lab Sample ID: 880-26670-54
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:09	04/09/23 05:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:09	04/09/23 05:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:09	04/09/23 05:13	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 12:09	04/09/23 05:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:09	04/09/23 05:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 12:09	04/09/23 05:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*04/06/23 12:09*	*04/09/23 05:13*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 12:09*	*04/09/23 05:13*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-126-04.0-NA-P

Lab Sample ID: 880-26670-54
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 17:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 17:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/05/23 12:02*	*04/08/23 17:34*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/05/23 12:02*	*04/08/23 17:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		4.99		mg/Kg			04/09/23 22:09	1

Client Sample ID: CF-127-04.0-NA-P

Lab Sample ID: 880-26670-55
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 05:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 05:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 05:33	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 05:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 05:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 05:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/06/23 12:09*	*04/09/23 05:33*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/06/23 12:09*	*04/09/23 05:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/05/23 12:02	04/08/23 17:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/05/23 12:02	04/08/23 17:55	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-127-04.0-NA-P

Lab Sample ID: 880-26670-55
Date Collected: 03/29/23 00:00
Matrix: Solid
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/05/23 12:02	04/08/23 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/05/23 12:02*	*04/08/23 17:55*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/05/23 12:02*	*04/08/23 17:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**182**		5.00		mg/Kg			04/09/23 22:14	1

Client Sample ID: CF-128-06.0-NA-P

Lab Sample ID: 880-26670-56
Date Collected: 03/29/23 00:00
Matrix: Solid
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 05:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 05:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 05:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 05:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 05:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 05:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*04/06/23 12:09*	*04/09/23 05:54*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/06/23 12:09*	*04/09/23 05:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 18:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 18:17	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/05/23 12:02*	*04/08/23 18:17*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/05/23 12:02*	*04/08/23 18:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**126**		5.02		mg/Kg			04/09/23 22:18	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-129-06.0-NA-P

Lab Sample ID: 880-26670-57
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 06:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 06:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 06:15	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 12:09	04/09/23 06:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 06:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 12:09	04/09/23 06:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/06/23 12:09*	*04/09/23 06:15*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/06/23 12:09*	*04/09/23 06:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 18:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 18:38	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/05/23 12:02*	*04/08/23 18:38*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/05/23 12:02*	*04/08/23 18:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		4.99		mg/Kg			04/09/23 22:23	1

Client Sample ID: CF-130-06.0-NA-P

Lab Sample ID: 880-26670-58
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 06:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 06:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 06:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 06:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:09	04/09/23 06:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:09	04/09/23 06:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/06/23 12:09*	*04/09/23 06:35*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 12:09*	*04/09/23 06:35*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-130-06.0-NA-P

Lab Sample ID: 880-26670-58
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 18:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 18:59	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/05/23 12:02*	*04/08/23 18:59*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/05/23 12:02*	*04/08/23 18:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.6**		4.97		mg/Kg			04/09/23 22:28	1

Client Sample ID: CF-131-06.0-NA-P

Lab Sample ID: 880-26670-59
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 06:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 06:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 06:56	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 12:09	04/09/23 06:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/09/23 06:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 12:09	04/09/23 06:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/06/23 12:09*	*04/09/23 06:56*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*04/06/23 12:09*	*04/09/23 06:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 19:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 19:21	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-131-06.0-NA-P

Lab Sample ID: 880-26670-59
Date Collected: 03/29/23 00:00
Matrix: Solid
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 12:02	04/08/23 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/05/23 12:02*	*04/08/23 19:21*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/05/23 12:02*	*04/08/23 19:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**136**		4.96		mg/Kg			04/09/23 22:32	1

Client Sample ID: CF-132-06.0-NA-P

Lab Sample ID: 880-26670-60
Date Collected: 03/29/23 00:00
Matrix: Solid
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:09	04/09/23 07:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:09	04/09/23 07:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:09	04/09/23 07:17	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 12:09	04/09/23 07:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:09	04/09/23 07:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 12:09	04/09/23 07:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*04/06/23 12:09*	*04/09/23 07:17*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/06/23 12:09*	*04/09/23 07:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/23 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 19:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 19:43	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/05/23 12:02*	*04/08/23 19:43*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/05/23 12:02*	*04/08/23 19:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**133**		5.00		mg/Kg			04/09/23 22:37	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-133-06.0-NA-P

Lab Sample ID: 880-26670-61
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 19:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 19:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 19:44	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/23 08:54	04/07/23 19:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 19:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/23 08:54	04/07/23 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/07/23 08:54*	*04/07/23 19:44*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/07/23 08:54*	*04/07/23 19:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 10:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 10:49	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*04/05/23 16:03*	*04/07/23 10:49*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/05/23 16:03*	*04/07/23 10:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**	**F1**	4.99		mg/Kg			04/09/23 22:43	1

Client Sample ID: CF-134-06.0-NA-P

Lab Sample ID: 880-26670-62
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/07/23 08:54	04/07/23 20:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/07/23 08:54	04/07/23 20:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/07/23 08:54	04/07/23 20:04	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/07/23 08:54	04/07/23 20:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/07/23 08:54	04/07/23 20:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/07/23 08:54	04/07/23 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/07/23 08:54*	*04/07/23 20:04*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*04/07/23 08:54*	*04/07/23 20:04*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-134-06.0-NA-P

Lab Sample ID: 880-26670-62
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 11:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 11:54	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/05/23 16:03*	*04/07/23 11:54*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/05/23 16:03*	*04/07/23 11:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**153**		4.97		mg/Kg			04/09/23 22:57	1

Client Sample ID: CF-135-06.0-NA-P

Lab Sample ID: 880-26670-63
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 20:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 20:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 20:25	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/07/23 08:54	04/07/23 20:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 20:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/07/23 08:54	04/07/23 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/07/23 08:54*	*04/07/23 20:25*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*04/07/23 08:54*	*04/07/23 20:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/05/23 16:03	04/07/23 12:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/23 16:03	04/07/23 12:16	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-135-06.0-NA-P

Lab Sample ID: 880-26670-63
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/23 16:03	04/07/23 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*04/05/23 16:03*	*04/07/23 12:16*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/05/23 16:03*	*04/07/23 12:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		4.96		mg/Kg			04/09/23 23:02	1

Client Sample ID: CF-136-06.0-NA-P

Lab Sample ID: 880-26670-64
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 20:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 20:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 20:46	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/23 08:54	04/07/23 20:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 20:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/23 08:54	04/07/23 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/07/23 08:54*	*04/07/23 20:46*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*04/07/23 08:54*	*04/07/23 20:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/05/23 16:03	04/07/23 12:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/05/23 16:03	04/07/23 12:37	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/05/23 16:03	04/07/23 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/05/23 16:03*	*04/07/23 12:37*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/05/23 16:03*	*04/07/23 12:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**118**		5.00		mg/Kg			04/09/23 23:07	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-137-06.0-NA-P

Lab Sample ID: 880-26670-65
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/07/23 08:54	04/07/23 21:06	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/07/23 08:54	04/07/23 21:06	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/07/23 08:54	04/07/23 21:06	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/07/23 08:54	04/07/23 21:06	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/07/23 08:54	04/07/23 21:06	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/07/23 08:54	04/07/23 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/07/23 08:54*	*04/07/23 21:06*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/07/23 08:54*	*04/07/23 21:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 12:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 12:59	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/05/23 16:03*	*04/07/23 12:59*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/05/23 16:03*	*04/07/23 12:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**117**		5.00		mg/Kg			04/09/23 23:12	1

Client Sample ID: CF-138-06.0-NA-P

Lab Sample ID: 880-26670-66
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/07/23 08:54	04/07/23 21:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/07/23 08:54	04/07/23 21:27	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/07/23 08:54	04/07/23 21:27	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		04/07/23 08:54	04/07/23 21:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/07/23 08:54	04/07/23 21:27	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/07/23 08:54	04/07/23 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/07/23 08:54*	*04/07/23 21:27*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/07/23 08:54*	*04/07/23 21:27*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-138-06.0-NA-P

Lab Sample ID: 880-26670-66
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/05/23 16:03	04/07/23 13:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/05/23 16:03	04/07/23 13:21	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/05/23 16:03	04/07/23 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*04/05/23 16:03*	*04/07/23 13:21*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/05/23 16:03*	*04/07/23 13:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		5.02		mg/Kg			04/09/23 23:26	1

Client Sample ID: CF-139-06.0-NA-P

Lab Sample ID: 880-26670-67
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/07/23 08:54	04/07/23 21:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/07/23 08:54	04/07/23 21:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/07/23 08:54	04/07/23 21:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/07/23 08:54	04/07/23 21:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/07/23 08:54	04/07/23 21:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/07/23 08:54	04/07/23 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/07/23 08:54*	*04/07/23 21:48*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/07/23 08:54*	*04/07/23 21:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 13:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 13:42	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-139-06.0-NA-P

Lab Sample ID: 880-26670-67
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/05/23 16:03*	*04/07/23 13:42*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/05/23 16:03*	*04/07/23 13:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**144**		5.03		mg/Kg			04/09/23 23:31	1

Client Sample ID: CF-140-06.0-NA-P

Lab Sample ID: 880-26670-68
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/07/23 08:54	04/07/23 22:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/07/23 08:54	04/07/23 22:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/07/23 08:54	04/07/23 22:08	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/07/23 08:54	04/07/23 22:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/07/23 08:54	04/07/23 22:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/07/23 08:54	04/07/23 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/07/23 08:54*	*04/07/23 22:08*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/07/23 08:54*	*04/07/23 22:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 14:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 14:04	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/23 16:03	04/07/23 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/05/23 16:03*	*04/07/23 14:04*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/05/23 16:03*	*04/07/23 14:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**171**		5.02		mg/Kg			04/09/23 23:36	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-141-06.0-NA-P

Lab Sample ID: 880-26670-69
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/07/23 08:54	04/07/23 22:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/07/23 08:54	04/07/23 22:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/07/23 08:54	04/07/23 22:29	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/07/23 08:54	04/07/23 22:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/07/23 08:54	04/07/23 22:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/07/23 08:54	04/07/23 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/07/23 08:54*	*04/07/23 22:29*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/07/23 08:54*	*04/07/23 22:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 15:38	04/08/23 21:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:38	04/08/23 21:31	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:38	04/08/23 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/06/23 15:38*	*04/08/23 21:31*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/06/23 15:38*	*04/08/23 21:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.8**		4.97		mg/Kg			04/09/23 23:41	1

Client Sample ID: CF-142-06.0-NA-P

Lab Sample ID: 880-26670-70
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/07/23 08:54	04/07/23 22:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/07/23 08:54	04/07/23 22:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/07/23 08:54	04/07/23 22:50	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/07/23 08:54	04/07/23 22:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/07/23 08:54	04/07/23 22:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/07/23 08:54	04/07/23 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/07/23 08:54*	*04/07/23 22:50*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/07/23 08:54*	*04/07/23 22:50*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-142-06.0-NA-P

Lab Sample ID: 880-26670-70
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/06/23 08:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/04/23 12:50	04/05/23 22:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/04/23 12:50	04/05/23 22:21	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/04/23 12:50	04/05/23 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*04/04/23 12:50*	*04/05/23 22:21*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*04/04/23 12:50*	*04/05/23 22:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		4.96		mg/Kg			04/09/23 23:46	1

Client Sample ID: CF-143-06.0-NA-P

Lab Sample ID: 880-26670-71
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:11	04/07/23 17:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:11	04/07/23 17:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:11	04/07/23 17:53	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 12:11	04/07/23 17:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:11	04/07/23 17:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 12:11	04/07/23 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*04/06/23 12:11*	*04/07/23 17:53*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 12:11*	*04/07/23 17:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/06/23 08:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/05/23 22:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/05/23 22:42	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-143-06.0-NA-P

Lab Sample ID: 880-26670-71
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/05/23 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/04/23 12:50*	*04/05/23 22:42*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/04/23 12:50*	*04/05/23 22:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		4.98		mg/Kg			04/09/23 23:51	1

Client Sample ID: CF-144-00.3-NA-P

Lab Sample ID: 880-26670-72
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:11	04/07/23 18:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:11	04/07/23 18:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:11	04/07/23 18:13	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:11	04/07/23 18:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:11	04/07/23 18:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:11	04/07/23 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/06/23 12:11*	*04/07/23 18:13*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/06/23 12:11*	*04/07/23 18:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/06/23 08:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 12:50	04/05/23 23:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 12:50	04/05/23 23:03	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 12:50	04/05/23 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*04/04/23 12:50*	*04/05/23 23:03*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/04/23 12:50*	*04/05/23 23:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		5.04		mg/Kg			04/10/23 00:05	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-145-00.3-NA-P

Lab Sample ID: 880-26670-73
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:11	04/07/23 18:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:11	04/07/23 18:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:11	04/07/23 18:34	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:11	04/07/23 18:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:11	04/07/23 18:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:11	04/07/23 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*04/06/23 12:11*	*04/07/23 18:34*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/06/23 12:11*	*04/07/23 18:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/06/23 08:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 12:50	04/05/23 23:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 12:50	04/05/23 23:24	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 12:50	04/05/23 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/04/23 12:50*	*04/05/23 23:24*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/04/23 12:50*	*04/05/23 23:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.6**		5.04		mg/Kg			04/10/23 00:10	1

Client Sample ID: CF-146-00.3-NA-P

Lab Sample ID: 880-26670-74
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:11	04/07/23 18:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:11	04/07/23 18:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:11	04/07/23 18:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 12:11	04/07/23 18:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:11	04/07/23 18:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 12:11	04/07/23 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/06/23 12:11*	*04/07/23 18:54*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/06/23 12:11*	*04/07/23 18:54*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-146-00.3-NA-P

Lab Sample ID: 880-26670-74
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/06/23 08:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/04/23 12:50	04/05/23 23:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/04/23 12:50	04/05/23 23:45	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/04/23 12:50	04/05/23 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*04/04/23 12:50*	*04/05/23 23:45*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/04/23 12:50*	*04/05/23 23:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		5.01		mg/Kg			04/10/23 00:24	1

Client Sample ID: CF-147-00.3-NA-P

Lab Sample ID: 880-26670-75
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:11	04/07/23 19:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:11	04/07/23 19:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:11	04/07/23 19:14	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 12:11	04/07/23 19:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:11	04/07/23 19:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 12:11	04/07/23 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/06/23 12:11*	*04/07/23 19:14*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 12:11*	*04/07/23 19:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/06/23 08:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/06/23 00:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/06/23 00:06	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-147-00.3-NA-P

Lab Sample ID: 880-26670-75
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/06/23 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/04/23 12:50*	*04/06/23 00:06*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/04/23 12:50*	*04/06/23 00:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		4.97		mg/Kg			04/10/23 00:29	1

Client Sample ID: CF-148-00.3-NA-P

Lab Sample ID: 880-26670-76
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:11	04/07/23 19:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:11	04/07/23 19:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:11	04/07/23 19:35	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 12:11	04/07/23 19:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 12:11	04/07/23 19:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 12:11	04/07/23 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*04/06/23 12:11*	*04/07/23 19:35*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 12:11*	*04/07/23 19:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/06/23 08:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/04/23 12:50	04/06/23 00:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/04/23 12:50	04/06/23 00:28	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/04/23 12:50	04/06/23 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/04/23 12:50*	*04/06/23 00:28*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/04/23 12:50*	*04/06/23 00:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		5.00		mg/Kg			04/10/23 00:34	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-149-00.3-NA-P

Lab Sample ID: 880-26670-77
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:11	04/07/23 19:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:11	04/07/23 19:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:11	04/07/23 19:55	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 12:11	04/07/23 19:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 12:11	04/07/23 19:55	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 12:11	04/07/23 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 12:11*	*04/07/23 19:55*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 12:11*	*04/07/23 19:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/06/23 08:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/06/23 00:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/06/23 00:49	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/06/23 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/04/23 12:50*	*04/06/23 00:49*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/04/23 12:50*	*04/06/23 00:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		5.02		mg/Kg			04/10/23 00:39	1

Client Sample ID: CF-150-00.3-NA-P

Lab Sample ID: 880-26670-78
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:11	04/07/23 20:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:11	04/07/23 20:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:11	04/07/23 20:16	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 12:11	04/07/23 20:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 12:11	04/07/23 20:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 12:11	04/07/23 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/06/23 12:11*	*04/07/23 20:16*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/06/23 12:11*	*04/07/23 20:16*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-150-00.3-NA-P

Lab Sample ID: 880-26670-78
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/06/23 08:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/04/23 12:50	04/06/23 01:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/04/23 12:50	04/06/23 01:09	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/04/23 12:50	04/06/23 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/04/23 12:50*	*04/06/23 01:09*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/04/23 12:50*	*04/06/23 01:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.0**		5.04		mg/Kg			04/10/23 00:44	1

Client Sample ID: CF-151-00.3-NA-P

Lab Sample ID: 880-26670-79
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:11	04/07/23 20:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:11	04/07/23 20:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:11	04/07/23 20:36	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 12:11	04/07/23 20:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:11	04/07/23 20:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 12:11	04/07/23 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/06/23 12:11*	*04/07/23 20:36*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/06/23 12:11*	*04/07/23 20:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/06/23 08:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/06/23 01:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/06/23 01:52	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-151-00.3-NA-P

Lab Sample ID: 880-26670-79
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/06/23 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/04/23 12:50*	*04/06/23 01:52*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/04/23 12:50*	*04/06/23 01:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**		4.99		mg/Kg			04/10/23 00:49	1

Client Sample ID: CF-152-00.3-NA-P

Lab Sample ID: 880-26670-80
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:11	04/07/23 20:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:11	04/07/23 20:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:11	04/07/23 20:57	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/06/23 12:11	04/07/23 20:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 12:11	04/07/23 20:57	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/06/23 12:11	04/07/23 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*04/06/23 12:11*	*04/07/23 20:57*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/06/23 12:11*	*04/07/23 20:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/06/23 08:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 12:50	04/06/23 02:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 12:50	04/06/23 02:13	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 12:50	04/06/23 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/04/23 12:50*	*04/06/23 02:13*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/04/23 12:50*	*04/06/23 02:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		4.99		mg/Kg			04/10/23 00:53	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-153-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-81

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:16	04/09/23 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:16	04/09/23 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:16	04/09/23 13:08	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/06/23 15:16	04/09/23 13:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:16	04/09/23 13:08	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/06/23 15:16	04/09/23 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/06/23 15:16*	*04/09/23 13:08*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 15:16*	*04/09/23 13:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/10/23 10:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/06/23 08:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/05/23 21:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/05/23 21:17	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/04/23 12:50	04/05/23 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/04/23 12:50*	*04/05/23 21:17*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*04/04/23 12:50*	*04/05/23 21:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		25.2		mg/Kg			04/09/23 10:54	5

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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)										
880-26670-1	CF-073-00.3-NA-P	86	93										
880-26670-1 MS	CF-073-00.3-NA-P	102	90										
880-26670-1 MSD	CF-073-00.3-NA-P	101	95										
880-26670-2	CF-074-00.3-NA-P	96	90										
880-26670-3	CF-075-00.3-NA-P	92	64 S1-										
880-26670-4	CF-076-00.3-NA-P	107	84										
880-26670-5	CF-077-00.3-NA-P	104	81										
880-26670-6	CF-078-00.3-NA-P	112	81										
880-26670-7	CF-079-00.3-NA-P	106	96										
880-26670-8	CF-080-00.3-NA-P	108	77										
880-26670-9	CF-081-00.3-NA-P	95	88										
880-26670-10	CF-082-00.3-NA-P	93	77										
880-26670-11	CF-083-00.3-NA-P	83	92										
880-26670-12	CF-084-00.3-NA-P	94	100										
880-26670-13	CF-085-00.3-NA-P	94	92										
880-26670-14	CF-086-00.3-NA-P	107	80										
880-26670-15	CF-087-00.3-NA-P	106	83										
880-26670-16	CF-088-00.3-NA-P	100	83										
880-26670-17	CF-089-00.3-NA-P	111	75										
880-26670-18	CF-090-00.3-NA-P	95	101										
880-26670-19	CF-091-00.3-NA-P	98	106										
880-26670-20	CF-092-00.3-NA-P	101	101										
880-26670-21	CF-093-00.3-NA-P	94	84										
880-26670-21 MS	CF-093-00.3-NA-P	95	119										
880-26670-21 MSD	CF-093-00.3-NA-P	99	120										
880-26670-22	CF-094-00.3-NA-P	97	77										
880-26670-23	CF-095-00.3-NA-P	97	102										
880-26670-24	CF-096-00.3-NA-P	146 S1+	116										
880-26670-25	CF-097-00.3-NA-P	98	103										
880-26670-26	CF-098-00.3-NA-P	98	101										
880-26670-27	CF-099-00.3-NA-P	105	104										
880-26670-28	CF-100-00.3-NA-P	99	100										
880-26670-29	CF-101-00.3-NA-P	99	94										
880-26670-30	CF-102-00.3-NA-P	99	77										
880-26670-31	CF-103-00.3-NA-P	97	76										
880-26670-32	CF-104-00.3-NA-P	101	81										
880-26670-33	CF-105-00.3-NA-P	100	103										
880-26670-34	CF-106-00.3-NA-P	99	82										
880-26670-35	CF-107-00.3-NA-P	107	101										
880-26670-36	CF-108-00.3-NA-P	98	82										
880-26670-37	CF-109-00.3-NA-P	99	83										
880-26670-38	CF-110-00.3-NA-P	104	99										
880-26670-39	CF-111-00.3-NA-P	101	82										
880-26670-40	CF-112-00.3-NA-P	99	81										
880-26670-41	CF-113-00.3-NA-P	107	93										
880-26670-41 MS	CF-113-00.3-NA-P	128	100										
880-26670-41 MSD	CF-113-00.3-NA-P	118	99										
880-26670-42	CF-114-00.3-NA-P	127	100										
880-26670-43	CF-115-00.3-NA-P	122	99										

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26670-1
Project/Site: 7520 Crazy Horse CTB
SDG: Eddy Co., NM

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-26670-44	CF-116-00.3-NA-P	122	102										
880-26670-45	CF-117-00.3-NA-P	117	104										
880-26670-46	CF-118-00.3-NA-P	119	101										
880-26670-47	CF-119-00.3-NA-P	115	104										
880-26670-48	CF-120-00.3-NA-P	116	100										
880-26670-49	CF-121-04.0-NA-P	111	98										
880-26670-50	CF-122-04.0-NA-P	114	91										
880-26670-51	CF-123-04.0-NA-P	108	89										
880-26670-52	CF-124-04.0-NA-P	121	98										
880-26670-53	CF-125-04.0-NA-P	120	109										
880-26670-54	CF-126-04.0-NA-P	118	104										
880-26670-55	CF-127-04.0-NA-P	120	110										
880-26670-56	CF-128-06.0-NA-P	123	100										
880-26670-57	CF-129-06.0-NA-P	114	102										
880-26670-58	CF-130-06.0-NA-P	114	104										
880-26670-59	CF-131-06.0-NA-P	120	111										
880-26670-60	CF-132-06.0-NA-P	118	99										
880-26670-61	CF-133-06.0-NA-P	94	102										
880-26670-62	CF-134-06.0-NA-P	115	118										
880-26670-63	CF-135-06.0-NA-P	104	112										
880-26670-64	CF-136-06.0-NA-P	110	112										
880-26670-65	CF-137-06.0-NA-P	107	108										
880-26670-66	CF-138-06.0-NA-P	114	107										
880-26670-67	CF-139-06.0-NA-P	102	105										
880-26670-68	CF-140-06.0-NA-P	111	105										
880-26670-69	CF-141-06.0-NA-P	111	106										
880-26670-70	CF-142-06.0-NA-P	106	109										
880-26670-71	CF-143-06.0-NA-P	92	80										
880-26670-72	CF-144-00.3-NA-P	102	79										
880-26670-73	CF-145-00.3-NA-P	151 S1+	108										
880-26670-74	CF-146-00.3-NA-P	100	78										
880-26670-75	CF-147-00.3-NA-P	99	80										
880-26670-76	CF-148-00.3-NA-P	132 S1+	103										
880-26670-77	CF-149-00.3-NA-P	106	80										
880-26670-78	CF-150-00.3-NA-P	101	77										
880-26670-79	CF-151-00.3-NA-P	100	98										
880-26670-80	CF-152-00.3-NA-P	90	90										
880-26670-81	CF-153-00.3-NA-P	95	106										
LCS 880-50515/1-A	Lab Control Sample	119	108										
LCS 880-50516/1-A	Lab Control Sample	100	116										
LCS 880-50518/1-A	Lab Control Sample	110	101										
LCS 880-50519/1-A	Lab Control Sample	98	119										
LCS 880-50528/1-A	Lab Control Sample	111	114										
LCS 880-50563/1-A	Lab Control Sample	113	96										
LCSD 880-50515/2-A	Lab Control Sample Dup	104	109										
LCSD 880-50516/2-A	Lab Control Sample Dup	107	111										
LCSD 880-50518/2-A	Lab Control Sample Dup	105	100										
LCSD 880-50519/2-A	Lab Control Sample Dup	93	118										
LCSD 880-50528/2-A	Lab Control Sample Dup	108	119										
LCSD 880-50563/2-A	Lab Control Sample Dup	95	98										

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
MB 880-50478/5-A	Method Blank	99	91
MB 880-50515/5-A	Method Blank	75	92
MB 880-50516/5-A	Method Blank	77	73
MB 880-50518/5-A	Method Blank	98	89
MB 880-50519/5-A	Method Blank	78	78
MB 880-50528/5-A	Method Blank	72	78
MB 880-50563/5-A	Method Blank	93	90

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-26670-1	CF-073-00.3-NA-P	98	80
880-26670-2	CF-074-00.3-NA-P	95	76
880-26670-2 MS	CF-074-00.3-NA-P	116	86
880-26670-2 MSD	CF-074-00.3-NA-P	102	74
880-26670-3	CF-075-00.3-NA-P	96	74
880-26670-4	CF-076-00.3-NA-P	92	73
880-26670-5	CF-077-00.3-NA-P	93	73
880-26670-6	CF-078-00.3-NA-P	95	77
880-26670-7	CF-079-00.3-NA-P	95	76
880-26670-8	CF-080-00.3-NA-P	95	72
880-26670-9	CF-081-00.3-NA-P	112	87
880-26670-10	CF-082-00.3-NA-P	93	72
880-26670-11	CF-083-00.3-NA-P	90	71
880-26670-12	CF-084-00.3-NA-P	94	72
880-26670-13	CF-085-00.3-NA-P	110	83
880-26670-14	CF-086-00.3-NA-P	101	80
880-26670-15	CF-087-00.3-NA-P	106	84
880-26670-16	CF-088-00.3-NA-P	110	84
880-26670-17	CF-089-00.3-NA-P	96	73
880-26670-18	CF-090-00.3-NA-P	109	84
880-26670-19	CF-091-00.3-NA-P	105	81
880-26670-20	CF-092-00.3-NA-P	112	91
880-26670-21	CF-093-00.3-NA-P	96	103
880-26670-21 MS	CF-093-00.3-NA-P	98	94
880-26670-21 MSD	CF-093-00.3-NA-P	100	97
880-26670-22	CF-094-00.3-NA-P	88	95
880-26670-23	CF-095-00.3-NA-P	88	94
880-26670-24	CF-096-00.3-NA-P	89	94
880-26670-25	CF-097-00.3-NA-P	104	108
880-26670-26	CF-098-00.3-NA-P	93	100
880-26670-27	CF-099-00.3-NA-P	95	104
880-26670-28	CF-100-00.3-NA-P	86	91
880-26670-29	CF-101-00.3-NA-P	108	111

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
880-26670-30	CF-102-00.3-NA-P	106	111										
880-26670-31	CF-103-00.3-NA-P	97	98										
880-26670-32	CF-104-00.3-NA-P	107	111										
880-26670-33	CF-105-00.3-NA-P	88	94										
880-26670-34	CF-106-00.3-NA-P	107	113										
880-26670-35	CF-107-00.3-NA-P	104	111										
880-26670-36	CF-108-00.3-NA-P	103	108										
880-26670-37	CF-109-00.3-NA-P	102	104										
880-26670-38	CF-110-00.3-NA-P	91	96										
880-26670-39	CF-111-00.3-NA-P	91	96										
880-26670-40	CF-112-00.3-NA-P	106	110										
880-26670-41	CF-113-00.3-NA-P	99	99										
880-26670-41 MS	CF-113-00.3-NA-P	97	87										
880-26670-41 MSD	CF-113-00.3-NA-P	117	101										
880-26670-42	CF-114-00.3-NA-P	94	93										
880-26670-43	CF-115-00.3-NA-P	94	95										
880-26670-44	CF-116-00.3-NA-P	90	90										
880-26670-45	CF-117-00.3-NA-P	91	94										
880-26670-46	CF-118-00.3-NA-P	119	126										
880-26670-47	CF-119-00.3-NA-P	110	106										
880-26670-48	CF-120-00.3-NA-P	104	110										
880-26670-49	CF-121-04.0-NA-P	85	85										
880-26670-50	CF-122-04.0-NA-P	89	91										
880-26670-51	CF-123-04.0-NA-P	96	96										
880-26670-52	CF-124-04.0-NA-P	99	99										
880-26670-53	CF-125-04.0-NA-P	104	100										
880-26670-54	CF-126-04.0-NA-P	106	104										
880-26670-55	CF-127-04.0-NA-P	95	96										
880-26670-56	CF-128-06.0-NA-P	88	90										
880-26670-57	CF-129-06.0-NA-P	102	100										
880-26670-58	CF-130-06.0-NA-P	107	105										
880-26670-59	CF-131-06.0-NA-P	88	88										
880-26670-60	CF-132-06.0-NA-P	87	87										
880-26670-61	CF-133-06.0-NA-P	86	87										
880-26670-61 MS	CF-133-06.0-NA-P	118	108										
880-26670-61 MSD	CF-133-06.0-NA-P	115	105										
880-26670-62	CF-134-06.0-NA-P	88	90										
880-26670-63	CF-135-06.0-NA-P	85	88										
880-26670-64	CF-136-06.0-NA-P	84	86										
880-26670-65	CF-137-06.0-NA-P	81	79										
880-26670-66	CF-138-06.0-NA-P	86	88										
880-26670-67	CF-139-06.0-NA-P	100	100										
880-26670-68	CF-140-06.0-NA-P	88	92										
880-26670-69	CF-141-06.0-NA-P	99	101										
880-26670-69 MS	CF-141-06.0-NA-P	121	109										
880-26670-69 MSD	CF-141-06.0-NA-P	121	110										
880-26670-70	CF-142-06.0-NA-P	114	123										
880-26670-71	CF-143-06.0-NA-P	93	105										
880-26670-72	CF-144-00.3-NA-P	91	104										
880-26670-73	CF-145-00.3-NA-P	96	109										

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-26670-74	CF-146-00.3-NA-P	91	103
880-26670-75	CF-147-00.3-NA-P	94	108
880-26670-76	CF-148-00.3-NA-P	95	109
880-26670-77	CF-149-00.3-NA-P	97	111
880-26670-78	CF-150-00.3-NA-P	97	112
880-26670-79	CF-151-00.3-NA-P	108	117
880-26670-80	CF-152-00.3-NA-P	92	104
880-26670-81	CF-153-00.3-NA-P	111	119
880-26670-81 MS	CF-153-00.3-NA-P	115	111
880-26670-81 MSD	CF-153-00.3-NA-P	102	102
LCS 880-50317/2-A	Lab Control Sample	108	123
LCS 880-50323/2-A	Lab Control Sample	95	77
LCS 880-50324/2-A	Lab Control Sample	110	116
LCS 880-50403/2-A	Lab Control Sample	109	114
LCS 880-50425/2-A	Lab Control Sample	104	109
LCS 880-50535/2-A	Lab Control Sample	113	118
LCSD 880-50317/3-A	Lab Control Sample Dup	102	117
LCSD 880-50323/3-A	Lab Control Sample Dup	98	78
LCSD 880-50324/3-A	Lab Control Sample Dup	94	101
LCSD 880-50403/3-A	Lab Control Sample Dup	95	101
LCSD 880-50425/3-A	Lab Control Sample Dup	89	94
LCSD 880-50535/3-A	Lab Control Sample Dup	100	104
MB 880-50317/1-A	Method Blank	152 S1+	182 S1+
MB 880-50323/1-A	Method Blank	103	86
MB 880-50324/1-A	Method Blank	102	116
MB 880-50403/1-A	Method Blank	105	117
MB 880-50425/1-A	Method Blank	101	113
MB 880-50535/1-A	Method Blank	132 S1+	144 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-50478/5-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50478

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 12:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 12:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 12:18	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 10:08	04/08/23 12:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 10:08	04/08/23 12:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 10:08	04/08/23 12:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/06/23 10:08*	*04/08/23 12:18*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/06/23 10:08*	*04/08/23 12:18*	*1*

Lab Sample ID: MB 880-50515/5-A
Matrix: Solid
Analysis Batch: 50556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50515

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/07/23 23:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/07/23 23:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/07/23 23:39	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 12:05	04/07/23 23:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:05	04/07/23 23:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 12:05	04/07/23 23:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*04/06/23 12:05*	*04/07/23 23:39*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/06/23 12:05*	*04/07/23 23:39*	*1*

Lab Sample ID: LCS 880-50515/1-A
Matrix: Solid
Analysis Batch: 50556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50515

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09978		mg/Kg		100	70 - 130		
Toluene			0.100	0.1015		mg/Kg		102	70 - 130		
Ethylbenzene			0.100	0.1064		mg/Kg		106	70 - 130		
m,p-Xylenes			0.200	0.2245		mg/Kg		112	70 - 130		
o-Xylene			0.100	0.1147		mg/Kg		115	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-50515/2-A
Matrix: Solid
Analysis Batch: 50556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50515

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09752		mg/Kg		98	70 - 130	2	35

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: LCSD 880-50515/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50556 — **Prep Batch: 50515**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09942		mg/Kg		99	70 - 130	2	35
Ethylbenzene			0.100	0.09240		mg/Kg		92	70 - 130	14	35
m,p-Xylenes			0.200	0.1837		mg/Kg		92	70 - 130	20	35
o-Xylene			0.100	0.09262		mg/Kg		93	70 - 130	21	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-26670-1 MS — **Client Sample ID: CF-073-00.3-NA-P**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50556 — **Prep Batch: 50515**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U F1	0.0998	<0.00200	U F1	mg/Kg		0.8	70 - 130
Toluene	<0.00198	U F1	0.0998	<0.00200	U F1	mg/Kg		0.8	70 - 130
Ethylbenzene	<0.00198	U F1	0.0998	<0.00200	U F1	mg/Kg		0.7	70 - 130
m,p-Xylenes	<0.00396	U F1	0.200	<0.00399	U F1	mg/Kg		0.7	70 - 130
o-Xylene	<0.00198	U F1	0.0998	<0.00200	U F1	mg/Kg		0.7	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: 880-26670-1 MSD — **Client Sample ID: CF-073-00.3-NA-P**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50556 — **Prep Batch: 50515**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U F1	0.100	<0.00201	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.00198	U F1	0.100	<0.00201	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00198	U F1	0.100	<0.00201	U F1	mg/Kg		0	70 - 130	NC	35
m,p-Xylenes	<0.00396	U F1	0.201	<0.00402	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.00198	U F1	0.100	<0.00201	U F1	mg/Kg		0	70 - 130	NC	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 880-50516/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50706 — **Prep Batch: 50516**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 19:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 19:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 19:21	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 12:06	04/08/23 19:21	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: MB 880-50516/5-A
Matrix: Solid
Analysis Batch: 50706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50516

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:06	04/08/23 19:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 12:06	04/08/23 19:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*	*04/06/23 12:06*	*04/08/23 19:21*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/06/23 12:06*	*04/08/23 19:21*	*1*

Lab Sample ID: LCS 880-50516/1-A
Matrix: Solid
Analysis Batch: 50706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50516

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1076		mg/Kg		108	70 - 130		
Toluene			0.100	0.09094		mg/Kg		91	70 - 130		
Ethylbenzene			0.100	0.08861		mg/Kg		89	70 - 130		
m,p-Xylenes			0.200	0.1793		mg/Kg		90	70 - 130		
o-Xylene			0.100	0.09084		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

Lab Sample ID: LCSD 880-50516/2-A
Matrix: Solid
Analysis Batch: 50706

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50516

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1050		mg/Kg		105	70 - 130	2	35
Toluene			0.100	0.09650		mg/Kg		96	70 - 130	6	35
Ethylbenzene			0.100	0.09643		mg/Kg		96	70 - 130	8	35
m,p-Xylenes			0.200	0.2039		mg/Kg		102	70 - 130	13	35
o-Xylene			0.100	0.1024		mg/Kg		102	70 - 130	12	35

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

Lab Sample ID: 880-26670-21 MS
Matrix: Solid
Analysis Batch: 50706

Client Sample ID: CF-093-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50516

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00198	U	0.0998	0.1003		mg/Kg		100	70 - 130		
Toluene	<0.00198	U F1	0.0998	0.07503		mg/Kg		75	70 - 130		
Ethylbenzene	<0.00198	U F1	0.0998	0.06586	F1	mg/Kg		66	70 - 130		
m,p-Xylenes	<0.00396	U F1	0.200	0.1225	F1	mg/Kg		61	70 - 130		
o-Xylene	<0.00198	U F1	0.0998	0.06354	F1	mg/Kg		64	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: 880-26670-21 MS
Matrix: Solid
Analysis Batch: 50706

Client Sample ID: CF-093-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50516

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	119		70 - 130

Lab Sample ID: 880-26670-21 MSD
Matrix: Solid
Analysis Batch: 50706

Client Sample ID: CF-093-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50516

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.07195		mg/Kg		72	70 - 130	33	35
Toluene	<0.00198	U F1	0.100	0.05572	F1	mg/Kg		55	70 - 130	30	35
Ethylbenzene	<0.00198	U F1	0.100	0.05151	F1	mg/Kg		51	70 - 130	24	35
m,p-Xylenes	<0.00396	U F1	0.201	0.09943	F1	mg/Kg		50	70 - 130	21	35
o-Xylene	<0.00198	U F1	0.100	0.05384	F1	mg/Kg		54	70 - 130	17	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	120		70 - 130

Lab Sample ID: MB 880-50518/5-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50518

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/08/23 23:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/08/23 23:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/08/23 23:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 12:09	04/08/23 23:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 12:09	04/08/23 23:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 12:09	04/08/23 23:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/06/23 12:09	04/08/23 23:20	1
1,4-Difluorobenzene (Surr)	89		70 - 130	04/06/23 12:09	04/08/23 23:20	1

Lab Sample ID: LCS 880-50518/1-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50518

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1104		mg/Kg		110	70 - 130		
Ethylbenzene			0.100	0.1149		mg/Kg		115	70 - 130		
m,p-Xylenes			0.200	0.2345		mg/Kg		117	70 - 130		
o-Xylene			0.100	0.1050		mg/Kg		105	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: LCS 880-50518/1-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50518

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

Lab Sample ID: LCSD 880-50518/2-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50518

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1009		mg/Kg		101	70 - 130	4	35
Toluene			0.100	0.1053		mg/Kg		105	70 - 130	5	35
Ethylbenzene			0.100	0.1093		mg/Kg		109	70 - 130	5	35
m,p-Xylenes			0.200	0.2243		mg/Kg		112	70 - 130	4	35
o-Xylene			0.100	0.1003		mg/Kg		100	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-26670-41 MS
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: CF-113-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50518

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U F1	0.100	0.04887	F1	mg/Kg		49	70 - 130		
Toluene	<0.00199	U F1	0.100	0.06082	F1	mg/Kg		61	70 - 130		
Ethylbenzene	<0.00199	U	0.100	0.06974		mg/Kg		70	70 - 130		
m,p-Xylenes	<0.00398	U	0.200	0.1421		mg/Kg		71	70 - 130		
o-Xylene	<0.00199	U F1	0.100	0.06651	F1	mg/Kg		66	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-26670-41 MSD
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: CF-113-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50518

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.0990	0.05860	F1	mg/Kg		59	70 - 130	18	35
Toluene	<0.00199	U F1	0.0990	0.06508	F1	mg/Kg		66	70 - 130	7	35
Ethylbenzene	<0.00199	U	0.0990	0.07300		mg/Kg		74	70 - 130	5	35
m,p-Xylenes	<0.00398	U	0.198	0.1465		mg/Kg		74	70 - 130	3	35
o-Xylene	<0.00199	U F1	0.0990	0.06864	F1	mg/Kg		69	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: MB 880-50519/5-A
Matrix: Solid
Analysis Batch: 50556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50519

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 08:11	04/07/23 13:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 08:11	04/07/23 13:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 08:11	04/07/23 13:02	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 08:11	04/07/23 13:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 08:11	04/07/23 13:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 08:11	04/07/23 13:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*04/06/23 08:11*	*04/07/23 13:02*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/06/23 08:11*	*04/07/23 13:02*	*1*

Lab Sample ID: LCS 880-50519/1-A
Matrix: Solid
Analysis Batch: 50556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50519

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1265		mg/Kg		126	70 - 130		
Toluene			0.100	0.1071		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.09916		mg/Kg		99	70 - 130		
m,p-Xylenes			0.200	0.1977		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.09861		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*

Lab Sample ID: LCSD 880-50519/2-A
Matrix: Solid
Analysis Batch: 50556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50519

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1171		mg/Kg		117	70 - 130	8	35
Toluene			0.100	0.09657		mg/Kg		97	70 - 130	10	35
Ethylbenzene			0.100	0.09014		mg/Kg		90	70 - 130	10	35
m,p-Xylenes			0.200	0.1822		mg/Kg		91	70 - 130	8	35
o-Xylene			0.100	0.09143		mg/Kg		91	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*

Lab Sample ID: MB 880-50528/5-A
Matrix: Solid
Analysis Batch: 50706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50528

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:16	04/09/23 05:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:16	04/09/23 05:55	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: MB 880-50528/5-A
Matrix: Solid
Analysis Batch: 50706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50528

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:16	04/09/23 05:55	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 15:16	04/09/23 05:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:16	04/09/23 05:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 15:16	04/09/23 05:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*70 - 130*	*04/06/23 15:16*	*04/09/23 05:55*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/06/23 15:16*	*04/09/23 05:55*	*1*

Lab Sample ID: LCS 880-50528/1-A
Matrix: Solid
Analysis Batch: 50706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50528

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1092		mg/Kg		109	70 - 130		
Toluene			0.100	0.09997		mg/Kg		100	70 - 130		
Ethylbenzene			0.100	0.09356		mg/Kg		94	70 - 130		
m,p-Xylenes			0.200	0.1959		mg/Kg		98	70 - 130		
o-Xylene			0.100	0.1000		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

Lab Sample ID: LCSD 880-50528/2-A
Matrix: Solid
Analysis Batch: 50706

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50528

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1238		mg/Kg		124	70 - 130	13	35
Toluene			0.100	0.1114		mg/Kg		111	70 - 130	11	35
Ethylbenzene			0.100	0.1059		mg/Kg		106	70 - 130	12	35
m,p-Xylenes			0.200	0.2186		mg/Kg		109	70 - 130	11	35
o-Xylene			0.100	0.1114		mg/Kg		111	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*

Lab Sample ID: MB 880-50563/5-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50563

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 14:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 14:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 14:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/07/23 08:54	04/07/23 14:51	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: MB 880-50563/5-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50563

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/23 08:54	04/07/23 14:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/07/23 08:54	04/07/23 14:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/07/23 08:54*	*04/07/23 14:51*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/07/23 08:54*	*04/07/23 14:51*	*1*

Lab Sample ID: LCS 880-50563/1-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50563

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08220		mg/Kg		82	70 - 130		
Toluene			0.100	0.1025		mg/Kg		103	70 - 130		
Ethylbenzene			0.100	0.1178		mg/Kg		118	70 - 130		
m,p-Xylenes			0.200	0.2403		mg/Kg		120	70 - 130		
o-Xylene			0.100	0.1057		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-50563/2-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50563

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09261		mg/Kg		93	70 - 130	12	35
Toluene			0.100	0.09454		mg/Kg		95	70 - 130	8	35
Ethylbenzene			0.100	0.09429		mg/Kg		94	70 - 130	22	35
m,p-Xylenes			0.200	0.1894		mg/Kg		95	70 - 130	24	35
o-Xylene			0.100	0.08427		mg/Kg		84	70 - 130	23	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 880-50317/1-A
Matrix: Solid
Analysis Batch: 50350

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50317

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 12:50	04/05/23 20:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 12:50	04/05/23 20:13	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 12:50	04/05/23 20:13	1

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QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	152	S1+	70 - 130	04/04/23 12:50	04/05/23 20:13	1
o-Terphenyl (Surr)	182	S1+	70 - 130	04/04/23 12:50	04/05/23 20:13	1

Lab Sample ID: LCS 880-50317/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50350 — **Prep Batch: 50317**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1029		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	889.8		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	108		70 - 130
o-Terphenyl (Surr)	123		70 - 130

Lab Sample ID: LCSD 880-50317/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50350 — **Prep Batch: 50317**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1002		mg/Kg		100	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	848.1		mg/Kg		85	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	102		70 - 130
o-Terphenyl (Surr)	117		70 - 130

Lab Sample ID: 880-26670-81 MS — **Client Sample ID: CF-153-00.3-NA-P**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50350 — **Prep Batch: 50317**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	1056		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	995	1281		mg/Kg		127	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	115		70 - 130
o-Terphenyl (Surr)	111		70 - 130

Lab Sample ID: 880-26670-81 MSD — **Client Sample ID: CF-153-00.3-NA-P**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50350 — **Prep Batch: 50317**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	933.8		mg/Kg		92	70 - 130	12	20

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: 880-26670-81 MSD
Matrix: Solid
Analysis Batch: 50350

Client Sample ID: CF-153-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50317

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1167		mg/Kg		115	70 - 130	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*102*		*70 - 130*
o-Terphenyl (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 880-50323/1-A
Matrix: Solid
Analysis Batch: 50570

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50323

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/07/23 19:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/07/23 19:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:45	04/07/23 19:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/04/23 14:45*	*04/07/23 19:31*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/04/23 14:45*	*04/07/23 19:31*	*1*

Lab Sample ID: LCS 880-50323/2-A
Matrix: Solid
Analysis Batch: 50570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50323

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	818.1		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	780.4		mg/Kg		78	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*95*		*70 - 130*
o-Terphenyl (Surr)	*77*		*70 - 130*

Lab Sample ID: LCSD 880-50323/3-A
Matrix: Solid
Analysis Batch: 50570

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50323

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	840.2		mg/Kg		84	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	810.5		mg/Kg		81	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*98*		*70 - 130*
o-Terphenyl (Surr)	*78*		*70 - 130*

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: 880-26670-2 MS
Matrix: Solid
Analysis Batch: 50570

Client Sample ID: CF-074-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50323

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1147		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1046		mg/Kg		105	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*116*		*70 - 130*
o-Terphenyl (Surr)	*86*		*70 - 130*

Lab Sample ID: 880-26670-2 MSD
Matrix: Solid
Analysis Batch: 50570

Client Sample ID: CF-074-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50323

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1004		mg/Kg		98	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	903.9		mg/Kg		91	70 - 130	15	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*102*		*70 - 130*
o-Terphenyl (Surr)	*74*		*70 - 130*

Lab Sample ID: MB 880-50324/1-A
Matrix: Solid
Analysis Batch: 50572

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50324

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/07/23 19:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/07/23 19:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/04/23 14:47	04/07/23 19:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/04/23 14:47*	*04/07/23 19:31*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/04/23 14:47*	*04/07/23 19:31*	*1*

Lab Sample ID: LCS 880-50324/2-A
Matrix: Solid
Analysis Batch: 50572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50324

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1065		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)			1000	924.6		mg/Kg		92	70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: LCS 880-50324/2-A
Matrix: Solid
Analysis Batch: 50572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50324

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	110		70 - 130
o-Terphenyl (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-50324/3-A
Matrix: Solid
Analysis Batch: 50572

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50324

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1036		mg/Kg		104	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	847.7		mg/Kg		85	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	101		70 - 130

Lab Sample ID: 880-26670-21 MS
Matrix: Solid
Analysis Batch: 50572

Client Sample ID: CF-093-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50324

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	898.8		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	989.0		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	94		70 - 130

Lab Sample ID: 880-26670-21 MSD
Matrix: Solid
Analysis Batch: 50572

Client Sample ID: CF-093-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50324

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	897.8		mg/Kg		86	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1001		mg/Kg		99	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	97		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: MB 880-50403/1-A
Matrix: Solid
Analysis Batch: 50654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50403

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 08:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 08:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/23 12:02	04/08/23 08:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/05/23 12:02*	*04/08/23 08:48*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/05/23 12:02*	*04/08/23 08:48*	*1*

Lab Sample ID: LCS 880-50403/2-A
Matrix: Solid
Analysis Batch: 50654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50403

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1099		mg/Kg		110	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	950.3		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*109*		*70 - 130*
o-Terphenyl (Surr)	*114*		*70 - 130*

Lab Sample ID: LCSD 880-50403/3-A
Matrix: Solid
Analysis Batch: 50654

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50403

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1047		mg/Kg		105	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	866.8		mg/Kg		87	70 - 130	9	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*95*		*70 - 130*
o-Terphenyl (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-26670-41 MS
Matrix: Solid
Analysis Batch: 50654

Client Sample ID: CF-113-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	936.3		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1030		mg/Kg		99	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: 880-26670-41 MS
Matrix: Solid
Analysis Batch: 50654

Client Sample ID: CF-113-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50403

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	87		70 - 130

Lab Sample ID: 880-26670-41 MSD
Matrix: Solid
Analysis Batch: 50654

Client Sample ID: CF-113-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1150		mg/Kg		112	70 - 130	20	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1242		mg/Kg		120	70 - 130	19	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	117		70 - 130
o-Terphenyl (Surr)	101		70 - 130

Lab Sample ID: MB 880-50425/1-A
Matrix: Solid
Analysis Batch: 50572

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50425

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/05/23 16:03	04/07/23 08:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/23 16:03	04/07/23 08:12	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/23 16:03	04/07/23 08:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130	04/05/23 16:03	04/07/23 08:12	1
o-Terphenyl (Surr)	113		70 - 130	04/05/23 16:03	04/07/23 08:12	1

Lab Sample ID: LCS 880-50425/2-A
Matrix: Solid
Analysis Batch: 50572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50425

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1132		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	844.1		mg/Kg		84	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	109		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: LCSD 880-50425/3-A
Matrix: Solid
Analysis Batch: 50572

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50425

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	970.1		mg/Kg		97	70 - 130	15	20
Diesel Range Organics (Over C10-C28)			1000	765.4		mg/Kg		77	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*89*		*70 - 130*
o-Terphenyl (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-26670-61 MS
Matrix: Solid
Analysis Batch: 50572

Client Sample ID: CF-133-06.0-NA-P
Prep Type: Total/NA
Prep Batch: 50425

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1027		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1176		mg/Kg		116	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*118*		*70 - 130*
o-Terphenyl (Surr)	*108*		*70 - 130*

Lab Sample ID: 880-26670-61 MSD
Matrix: Solid
Analysis Batch: 50572

Client Sample ID: CF-133-06.0-NA-P
Prep Type: Total/NA
Prep Batch: 50425

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1015		mg/Kg		98	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1136		mg/Kg		112	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*115*		*70 - 130*
o-Terphenyl (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 880-50535/1-A
Matrix: Solid
Analysis Batch: 50654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50535

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:38	04/08/23 20:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:38	04/08/23 20:26	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:38	04/08/23 20:26	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: MB 880-50535/1-A
Matrix: Solid
Analysis Batch: 50654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50535

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	132	S1+	70 - 130	04/06/23 15:38	04/08/23 20:26	1
o-Terphenyl (Surr)	144	S1+	70 - 130	04/06/23 15:38	04/08/23 20:26	1

Lab Sample ID: LCS 880-50535/2-A
Matrix: Solid
Analysis Batch: 50654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50535

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1127		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	963.9		mg/Kg		96	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	113		70 - 130
o-Terphenyl (Surr)	118		70 - 130

Lab Sample ID: LCSD 880-50535/3-A
Matrix: Solid
Analysis Batch: 50654

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50535

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1091		mg/Kg		109	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	894.8		mg/Kg		89	70 - 130	7	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	104		70 - 130

Lab Sample ID: 880-26670-69 MS
Matrix: Solid
Analysis Batch: 50654

Client Sample ID: CF-141-06.0-NA-P
Prep Type: Total/NA
Prep Batch: 50535

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1108		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1133		mg/Kg		110	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	121		70 - 130
o-Terphenyl (Surr)	109		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Lab Sample ID: 880-26670-69 MSD
Matrix: Solid
Analysis Batch: 50654

Client Sample ID: CF-141-06.0-NA-P
Prep Type: Total/NA
Prep Batch: 50535

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1015		mg/Kg		98	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1127		mg/Kg		110	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*121*		*70 - 130*
o-Terphenyl (Surr)	*110*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-50505/1-A
Matrix: Solid
Analysis Batch: 50734

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/08/23 22:40	1

Lab Sample ID: LCS 880-50505/2-A
Matrix: Solid
Analysis Batch: 50734

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.3		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-50505/3-A
Matrix: Solid
Analysis Batch: 50734

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	254.8		mg/Kg		102	90 - 110	0	20

Lab Sample ID: MB 880-50509/1-A
Matrix: Solid
Analysis Batch: 50742

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/09/23 20:20	1

Lab Sample ID: LCS 880-50509/2-A
Matrix: Solid
Analysis Batch: 50742

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.2		mg/Kg		99	90 - 110

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-50509/3-A
Matrix: Solid
Analysis Batch: 50742

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	243.0		mg/Kg		97	90 - 110	2	20

Lab Sample ID: 880-26670-41 MS
Matrix: Solid
Analysis Batch: 50742

Client Sample ID: CF-113-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	146	F1	252	323.2	F1	mg/Kg		70	90 - 110

Lab Sample ID: 880-26670-41 MSD
Matrix: Solid
Analysis Batch: 50742

Client Sample ID: CF-113-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	146	F1	252	323.2	F1	mg/Kg		70	90 - 110	0	20

Lab Sample ID: 880-26670-51 MS
Matrix: Solid
Analysis Batch: 50742

Client Sample ID: CF-123-04.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	166	F1	253	357.6	F1	mg/Kg		76	90 - 110

Lab Sample ID: 880-26670-51 MSD
Matrix: Solid
Analysis Batch: 50742

Client Sample ID: CF-123-04.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	166	F1	253	357.4	F1	mg/Kg		76	90 - 110	0	20

Lab Sample ID: MB 880-50507/1-A
Matrix: Solid
Analysis Batch: 50744

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/09/23 15:59	1

Lab Sample ID: LCS 880-50507/2-A
Matrix: Solid
Analysis Batch: 50744

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	257.4		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-50507/3-A
Matrix: Solid
Analysis Batch: 50744

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	258.5		mg/Kg		103	90 - 110	0	20

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26670-1 MS
Matrix: Solid
Analysis Batch: 50744

Client Sample ID: CF-073-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	56.9	F1	248	269.0	F1	mg/Kg		86	90 - 110

Lab Sample ID: 880-26670-1 MSD
Matrix: Solid
Analysis Batch: 50744

Client Sample ID: CF-073-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	56.9	F1	248	269.5	F1	mg/Kg		86	90 - 110	0	20

Lab Sample ID: 880-26670-11 MS
Matrix: Solid
Analysis Batch: 50744

Client Sample ID: CF-083-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	127	F1	250	346.7	F1	mg/Kg		88	90 - 110

Lab Sample ID: 880-26670-11 MSD
Matrix: Solid
Analysis Batch: 50744

Client Sample ID: CF-083-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	127	F1	250	347.0	F1	mg/Kg		88	90 - 110	0	20

Lab Sample ID: MB 880-50508/1-A
Matrix: Solid
Analysis Batch: 50745

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/09/23 19:38	1

Lab Sample ID: LCS 880-50508/2-A
Matrix: Solid
Analysis Batch: 50745

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.6		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-50508/3-A
Matrix: Solid
Analysis Batch: 50745

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	254.2		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-26670-21 MS
Matrix: Solid
Analysis Batch: 50745

Client Sample ID: CF-093-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	105	F1	253	325.6	F1	mg/Kg		88	90 - 110

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26670-21 MSD
Matrix: Solid
Analysis Batch: 50745

Client Sample ID: CF-093-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	105	F1	253	326.6	F1	mg/Kg		88	90 - 110	0	20

Lab Sample ID: 880-26670-31 MS
Matrix: Solid
Analysis Batch: 50745

Client Sample ID: CF-103-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	169	F1	251	373.8	F1	mg/Kg		81	90 - 110

Lab Sample ID: MB 880-50511/1-A
Matrix: Solid
Analysis Batch: 50746

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/09/23 22:28	1

Lab Sample ID: LCS 880-50511/2-A
Matrix: Solid
Analysis Batch: 50746

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	255.9		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-50511/3-A
Matrix: Solid
Analysis Batch: 50746

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	256.6		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-26670-61 MS
Matrix: Solid
Analysis Batch: 50746

Client Sample ID: CF-133-06.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	103	F1	250	316.5	F1	mg/Kg		85	90 - 110

Lab Sample ID: 880-26670-61 MSD
Matrix: Solid
Analysis Batch: 50746

Client Sample ID: CF-133-06.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	103	F1	250	317.2	F1	mg/Kg		86	90 - 110	0	20

Lab Sample ID: 880-26670-71 MS
Matrix: Solid
Analysis Batch: 50746

Client Sample ID: CF-143-06.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	115		249	352.3		mg/Kg		95	90 - 110

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26670-71 MSD
Matrix: Solid
Analysis Batch: 50746

Client Sample ID: CF-143-06.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	115		249	352.6		mg/Kg		95	90 - 110	0	20

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

GC VOA

Prep Batch: 50478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-50478/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 50515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-1	CF-073-00.3-NA-P	Total/NA	Solid	5035	
880-26670-2	CF-074-00.3-NA-P	Total/NA	Solid	5035	
880-26670-3	CF-075-00.3-NA-P	Total/NA	Solid	5035	
880-26670-4	CF-076-00.3-NA-P	Total/NA	Solid	5035	
880-26670-5	CF-077-00.3-NA-P	Total/NA	Solid	5035	
880-26670-6	CF-078-00.3-NA-P	Total/NA	Solid	5035	
880-26670-7	CF-079-00.3-NA-P	Total/NA	Solid	5035	
880-26670-8	CF-080-00.3-NA-P	Total/NA	Solid	5035	
880-26670-9	CF-081-00.3-NA-P	Total/NA	Solid	5035	
880-26670-10	CF-082-00.3-NA-P	Total/NA	Solid	5035	
880-26670-11	CF-083-00.3-NA-P	Total/NA	Solid	5035	
880-26670-12	CF-084-00.3-NA-P	Total/NA	Solid	5035	
880-26670-13	CF-085-00.3-NA-P	Total/NA	Solid	5035	
880-26670-14	CF-086-00.3-NA-P	Total/NA	Solid	5035	
880-26670-15	CF-087-00.3-NA-P	Total/NA	Solid	5035	
880-26670-16	CF-088-00.3-NA-P	Total/NA	Solid	5035	
880-26670-17	CF-089-00.3-NA-P	Total/NA	Solid	5035	
880-26670-18	CF-090-00.3-NA-P	Total/NA	Solid	5035	
880-26670-19	CF-091-00.3-NA-P	Total/NA	Solid	5035	
880-26670-20	CF-092-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50515/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50515/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50515/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26670-1 MS	CF-073-00.3-NA-P	Total/NA	Solid	5035	
880-26670-1 MSD	CF-073-00.3-NA-P	Total/NA	Solid	5035	

Prep Batch: 50516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-21	CF-093-00.3-NA-P	Total/NA	Solid	5035	
880-26670-22	CF-094-00.3-NA-P	Total/NA	Solid	5035	
880-26670-23	CF-095-00.3-NA-P	Total/NA	Solid	5035	
880-26670-24	CF-096-00.3-NA-P	Total/NA	Solid	5035	
880-26670-25	CF-097-00.3-NA-P	Total/NA	Solid	5035	
880-26670-26	CF-098-00.3-NA-P	Total/NA	Solid	5035	
880-26670-27	CF-099-00.3-NA-P	Total/NA	Solid	5035	
880-26670-28	CF-100-00.3-NA-P	Total/NA	Solid	5035	
880-26670-29	CF-101-00.3-NA-P	Total/NA	Solid	5035	
880-26670-30	CF-102-00.3-NA-P	Total/NA	Solid	5035	
880-26670-31	CF-103-00.3-NA-P	Total/NA	Solid	5035	
880-26670-32	CF-104-00.3-NA-P	Total/NA	Solid	5035	
880-26670-33	CF-105-00.3-NA-P	Total/NA	Solid	5035	
880-26670-34	CF-106-00.3-NA-P	Total/NA	Solid	5035	
880-26670-35	CF-107-00.3-NA-P	Total/NA	Solid	5035	
880-26670-36	CF-108-00.3-NA-P	Total/NA	Solid	5035	
880-26670-37	CF-109-00.3-NA-P	Total/NA	Solid	5035	
880-26670-38	CF-110-00.3-NA-P	Total/NA	Solid	5035	
880-26670-39	CF-111-00.3-NA-P	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

GC VOA (Continued)

Prep Batch: 50516 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-40	CF-112-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50516/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50516/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50516/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26670-21 MS	CF-093-00.3-NA-P	Total/NA	Solid	5035	
880-26670-21 MSD	CF-093-00.3-NA-P	Total/NA	Solid	5035	

Prep Batch: 50518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-41	CF-113-00.3-NA-P	Total/NA	Solid	5035	
880-26670-42	CF-114-00.3-NA-P	Total/NA	Solid	5035	
880-26670-43	CF-115-00.3-NA-P	Total/NA	Solid	5035	
880-26670-44	CF-116-00.3-NA-P	Total/NA	Solid	5035	
880-26670-45	CF-117-00.3-NA-P	Total/NA	Solid	5035	
880-26670-46	CF-118-00.3-NA-P	Total/NA	Solid	5035	
880-26670-47	CF-119-00.3-NA-P	Total/NA	Solid	5035	
880-26670-48	CF-120-00.3-NA-P	Total/NA	Solid	5035	
880-26670-49	CF-121-04.0-NA-P	Total/NA	Solid	5035	
880-26670-50	CF-122-04.0-NA-P	Total/NA	Solid	5035	
880-26670-51	CF-123-04.0-NA-P	Total/NA	Solid	5035	
880-26670-52	CF-124-04.0-NA-P	Total/NA	Solid	5035	
880-26670-53	CF-125-04.0-NA-P	Total/NA	Solid	5035	
880-26670-54	CF-126-04.0-NA-P	Total/NA	Solid	5035	
880-26670-55	CF-127-04.0-NA-P	Total/NA	Solid	5035	
880-26670-56	CF-128-06.0-NA-P	Total/NA	Solid	5035	
880-26670-57	CF-129-06.0-NA-P	Total/NA	Solid	5035	
880-26670-58	CF-130-06.0-NA-P	Total/NA	Solid	5035	
880-26670-59	CF-131-06.0-NA-P	Total/NA	Solid	5035	
880-26670-60	CF-132-06.0-NA-P	Total/NA	Solid	5035	
MB 880-50518/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50518/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50518/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26670-41 MS	CF-113-00.3-NA-P	Total/NA	Solid	5035	
880-26670-41 MSD	CF-113-00.3-NA-P	Total/NA	Solid	5035	

Prep Batch: 50519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-71	CF-143-06.0-NA-P	Total/NA	Solid	5035	
880-26670-72	CF-144-00.3-NA-P	Total/NA	Solid	5035	
880-26670-73	CF-145-00.3-NA-P	Total/NA	Solid	5035	
880-26670-74	CF-146-00.3-NA-P	Total/NA	Solid	5035	
880-26670-75	CF-147-00.3-NA-P	Total/NA	Solid	5035	
880-26670-76	CF-148-00.3-NA-P	Total/NA	Solid	5035	
880-26670-77	CF-149-00.3-NA-P	Total/NA	Solid	5035	
880-26670-78	CF-150-00.3-NA-P	Total/NA	Solid	5035	
880-26670-79	CF-151-00.3-NA-P	Total/NA	Solid	5035	
880-26670-80	CF-152-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50519/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50519/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50519/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

GC VOA

Prep Batch: 50528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-81	CF-153-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50528/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50528/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50528/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 50556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-1	CF-073-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-2	CF-074-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-3	CF-075-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-4	CF-076-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-5	CF-077-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-6	CF-078-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-7	CF-079-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-8	CF-080-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-9	CF-081-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-10	CF-082-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-11	CF-083-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-12	CF-084-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-13	CF-085-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-14	CF-086-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-15	CF-087-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-16	CF-088-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-17	CF-089-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-18	CF-090-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-19	CF-091-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-20	CF-092-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-71	CF-143-06.0-NA-P	Total/NA	Solid	8021B	50519
880-26670-72	CF-144-00.3-NA-P	Total/NA	Solid	8021B	50519
880-26670-73	CF-145-00.3-NA-P	Total/NA	Solid	8021B	50519
880-26670-74	CF-146-00.3-NA-P	Total/NA	Solid	8021B	50519
880-26670-75	CF-147-00.3-NA-P	Total/NA	Solid	8021B	50519
880-26670-76	CF-148-00.3-NA-P	Total/NA	Solid	8021B	50519
880-26670-77	CF-149-00.3-NA-P	Total/NA	Solid	8021B	50519
880-26670-78	CF-150-00.3-NA-P	Total/NA	Solid	8021B	50519
880-26670-79	CF-151-00.3-NA-P	Total/NA	Solid	8021B	50519
880-26670-80	CF-152-00.3-NA-P	Total/NA	Solid	8021B	50519
MB 880-50515/5-A	Method Blank	Total/NA	Solid	8021B	50515
MB 880-50519/5-A	Method Blank	Total/NA	Solid	8021B	50519
LCS 880-50515/1-A	Lab Control Sample	Total/NA	Solid	8021B	50515
LCS 880-50519/1-A	Lab Control Sample	Total/NA	Solid	8021B	50519
LCSD 880-50515/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50515
LCSD 880-50519/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50519
880-26670-1 MS	CF-073-00.3-NA-P	Total/NA	Solid	8021B	50515
880-26670-1 MSD	CF-073-00.3-NA-P	Total/NA	Solid	8021B	50515

Analysis Batch: 50561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-41	CF-113-00.3-NA-P	Total/NA	Solid	8021B	50518
880-26670-42	CF-114-00.3-NA-P	Total/NA	Solid	8021B	50518
880-26670-43	CF-115-00.3-NA-P	Total/NA	Solid	8021B	50518

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

GC VOA (Continued)

Analysis Batch: 50561 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-44	CF-116-00.3-NA-P	Total/NA	Solid	8021B	50518
880-26670-45	CF-117-00.3-NA-P	Total/NA	Solid	8021B	50518
880-26670-46	CF-118-00.3-NA-P	Total/NA	Solid	8021B	50518
880-26670-47	CF-119-00.3-NA-P	Total/NA	Solid	8021B	50518
880-26670-48	CF-120-00.3-NA-P	Total/NA	Solid	8021B	50518
880-26670-49	CF-121-04.0-NA-P	Total/NA	Solid	8021B	50518
880-26670-50	CF-122-04.0-NA-P	Total/NA	Solid	8021B	50518
880-26670-51	CF-123-04.0-NA-P	Total/NA	Solid	8021B	50518
880-26670-52	CF-124-04.0-NA-P	Total/NA	Solid	8021B	50518
880-26670-53	CF-125-04.0-NA-P	Total/NA	Solid	8021B	50518
880-26670-54	CF-126-04.0-NA-P	Total/NA	Solid	8021B	50518
880-26670-55	CF-127-04.0-NA-P	Total/NA	Solid	8021B	50518
880-26670-56	CF-128-06.0-NA-P	Total/NA	Solid	8021B	50518
880-26670-57	CF-129-06.0-NA-P	Total/NA	Solid	8021B	50518
880-26670-58	CF-130-06.0-NA-P	Total/NA	Solid	8021B	50518
880-26670-59	CF-131-06.0-NA-P	Total/NA	Solid	8021B	50518
880-26670-60	CF-132-06.0-NA-P	Total/NA	Solid	8021B	50518
880-26670-61	CF-133-06.0-NA-P	Total/NA	Solid	8021B	50563
880-26670-62	CF-134-06.0-NA-P	Total/NA	Solid	8021B	50563
880-26670-63	CF-135-06.0-NA-P	Total/NA	Solid	8021B	50563
880-26670-64	CF-136-06.0-NA-P	Total/NA	Solid	8021B	50563
880-26670-65	CF-137-06.0-NA-P	Total/NA	Solid	8021B	50563
880-26670-66	CF-138-06.0-NA-P	Total/NA	Solid	8021B	50563
880-26670-67	CF-139-06.0-NA-P	Total/NA	Solid	8021B	50563
880-26670-68	CF-140-06.0-NA-P	Total/NA	Solid	8021B	50563
880-26670-69	CF-141-06.0-NA-P	Total/NA	Solid	8021B	50563
880-26670-70	CF-142-06.0-NA-P	Total/NA	Solid	8021B	50563
MB 880-50478/5-A	Method Blank	Total/NA	Solid	8021B	50478
MB 880-50518/5-A	Method Blank	Total/NA	Solid	8021B	50518
MB 880-50563/5-A	Method Blank	Total/NA	Solid	8021B	50563
LCS 880-50518/1-A	Lab Control Sample	Total/NA	Solid	8021B	50518
LCS 880-50563/1-A	Lab Control Sample	Total/NA	Solid	8021B	50563
LCSD 880-50518/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50518
LCSD 880-50563/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50563
880-26670-41 MS	CF-113-00.3-NA-P	Total/NA	Solid	8021B	50518
880-26670-41 MSD	CF-113-00.3-NA-P	Total/NA	Solid	8021B	50518

Prep Batch: 50563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-61	CF-133-06.0-NA-P	Total/NA	Solid	5035	
880-26670-62	CF-134-06.0-NA-P	Total/NA	Solid	5035	
880-26670-63	CF-135-06.0-NA-P	Total/NA	Solid	5035	
880-26670-64	CF-136-06.0-NA-P	Total/NA	Solid	5035	
880-26670-65	CF-137-06.0-NA-P	Total/NA	Solid	5035	
880-26670-66	CF-138-06.0-NA-P	Total/NA	Solid	5035	
880-26670-67	CF-139-06.0-NA-P	Total/NA	Solid	5035	
880-26670-68	CF-140-06.0-NA-P	Total/NA	Solid	5035	
880-26670-69	CF-141-06.0-NA-P	Total/NA	Solid	5035	
880-26670-70	CF-142-06.0-NA-P	Total/NA	Solid	5035	
MB 880-50563/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50563/1-A	Lab Control Sample	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

GC VOA (Continued)

Prep Batch: 50563 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-50563/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 50666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-1	CF-073-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-2	CF-074-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-3	CF-075-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-4	CF-076-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-5	CF-077-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-6	CF-078-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-7	CF-079-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-8	CF-080-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-9	CF-081-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-10	CF-082-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-11	CF-083-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-12	CF-084-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-13	CF-085-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-14	CF-086-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-15	CF-087-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-16	CF-088-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-17	CF-089-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-18	CF-090-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-19	CF-091-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-20	CF-092-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-21	CF-093-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-22	CF-094-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-23	CF-095-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-24	CF-096-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-25	CF-097-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-26	CF-098-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-27	CF-099-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-28	CF-100-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-29	CF-101-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-30	CF-102-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-31	CF-103-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-32	CF-104-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-33	CF-105-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-34	CF-106-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-35	CF-107-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-36	CF-108-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-37	CF-109-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-38	CF-110-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-39	CF-111-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-40	CF-112-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-41	CF-113-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-42	CF-114-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-43	CF-115-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-44	CF-116-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-45	CF-117-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-46	CF-118-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-47	CF-119-00.3-NA-P	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

GC VOA (Continued)

Analysis Batch: 50666 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-48	CF-120-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-49	CF-121-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-50	CF-122-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-51	CF-123-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-52	CF-124-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-53	CF-125-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-54	CF-126-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-55	CF-127-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-56	CF-128-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-57	CF-129-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-58	CF-130-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-59	CF-131-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-60	CF-132-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-61	CF-133-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-62	CF-134-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-63	CF-135-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-64	CF-136-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-65	CF-137-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-66	CF-138-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-67	CF-139-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-68	CF-140-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-69	CF-141-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-70	CF-142-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-71	CF-143-06.0-NA-P	Total/NA	Solid	Total BTEX	
880-26670-72	CF-144-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-73	CF-145-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-74	CF-146-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-75	CF-147-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-76	CF-148-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-77	CF-149-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-78	CF-150-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-79	CF-151-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-80	CF-152-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26670-81	CF-153-00.3-NA-P	Total/NA	Solid	Total BTEX	

Analysis Batch: 50706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-21	CF-093-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-22	CF-094-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-23	CF-095-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-24	CF-096-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-25	CF-097-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-26	CF-098-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-27	CF-099-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-28	CF-100-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-29	CF-101-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-30	CF-102-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-31	CF-103-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-32	CF-104-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-33	CF-105-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-34	CF-106-00.3-NA-P	Total/NA	Solid	8021B	50516

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

GC VOA (Continued)

Analysis Batch: 50706 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-35	CF-107-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-36	CF-108-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-37	CF-109-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-38	CF-110-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-39	CF-111-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-40	CF-112-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-81	CF-153-00.3-NA-P	Total/NA	Solid	8021B	50528
MB 880-50516/5-A	Method Blank	Total/NA	Solid	8021B	50516
MB 880-50528/5-A	Method Blank	Total/NA	Solid	8021B	50528
LCS 880-50516/1-A	Lab Control Sample	Total/NA	Solid	8021B	50516
LCS 880-50528/1-A	Lab Control Sample	Total/NA	Solid	8021B	50528
LCSD 880-50516/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50516
LCSD 880-50528/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50528
880-26670-21 MS	CF-093-00.3-NA-P	Total/NA	Solid	8021B	50516
880-26670-21 MSD	CF-093-00.3-NA-P	Total/NA	Solid	8021B	50516

GC Semi VOA

Prep Batch: 50317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-70	CF-142-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-71	CF-143-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-72	CF-144-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-73	CF-145-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-74	CF-146-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-75	CF-147-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-76	CF-148-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-77	CF-149-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-78	CF-150-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-79	CF-151-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-80	CF-152-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-81	CF-153-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50317/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50317/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50317/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26670-81 MS	CF-153-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-81 MSD	CF-153-00.3-NA-P	Total/NA	Solid	8015NM Prep	

Prep Batch: 50323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-1	CF-073-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-2	CF-074-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-3	CF-075-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-4	CF-076-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-5	CF-077-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-6	CF-078-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-7	CF-079-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-8	CF-080-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-9	CF-081-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-10	CF-082-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-11	CF-083-00.3-NA-P	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Prep Batch: 50323 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-12	CF-084-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-13	CF-085-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-14	CF-086-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-15	CF-087-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-16	CF-088-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-17	CF-089-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-18	CF-090-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-19	CF-091-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-20	CF-092-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50323/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50323/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50323/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26670-2 MS	CF-074-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-2 MSD	CF-074-00.3-NA-P	Total/NA	Solid	8015NM Prep	

Prep Batch: 50324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-21	CF-093-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-22	CF-094-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-23	CF-095-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-24	CF-096-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-25	CF-097-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-26	CF-098-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-27	CF-099-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-28	CF-100-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-29	CF-101-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-30	CF-102-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-31	CF-103-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-32	CF-104-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-33	CF-105-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-34	CF-106-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-35	CF-107-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-36	CF-108-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-37	CF-109-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-38	CF-110-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-39	CF-111-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-40	CF-112-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50324/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50324/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50324/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26670-21 MS	CF-093-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-21 MSD	CF-093-00.3-NA-P	Total/NA	Solid	8015NM Prep	

Analysis Batch: 50350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-70	CF-142-06.0-NA-P	Total/NA	Solid	8015B NM	50317
880-26670-71	CF-143-06.0-NA-P	Total/NA	Solid	8015B NM	50317
880-26670-72	CF-144-00.3-NA-P	Total/NA	Solid	8015B NM	50317
880-26670-73	CF-145-00.3-NA-P	Total/NA	Solid	8015B NM	50317
880-26670-74	CF-146-00.3-NA-P	Total/NA	Solid	8015B NM	50317
880-26670-75	CF-147-00.3-NA-P	Total/NA	Solid	8015B NM	50317

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Analysis Batch: 50350 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-76	CF-148-00.3-NA-P	Total/NA	Solid	8015B NM	50317
880-26670-77	CF-149-00.3-NA-P	Total/NA	Solid	8015B NM	50317
880-26670-78	CF-150-00.3-NA-P	Total/NA	Solid	8015B NM	50317
880-26670-79	CF-151-00.3-NA-P	Total/NA	Solid	8015B NM	50317
880-26670-80	CF-152-00.3-NA-P	Total/NA	Solid	8015B NM	50317
880-26670-81	CF-153-00.3-NA-P	Total/NA	Solid	8015B NM	50317
MB 880-50317/1-A	Method Blank	Total/NA	Solid	8015B NM	50317
LCS 880-50317/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50317
LCSD 880-50317/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50317
880-26670-81 MS	CF-153-00.3-NA-P	Total/NA	Solid	8015B NM	50317
880-26670-81 MSD	CF-153-00.3-NA-P	Total/NA	Solid	8015B NM	50317

Prep Batch: 50403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-41	CF-113-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-42	CF-114-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-43	CF-115-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-44	CF-116-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-45	CF-117-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-46	CF-118-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-47	CF-119-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-48	CF-120-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-49	CF-121-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-50	CF-122-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-51	CF-123-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-52	CF-124-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-53	CF-125-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-54	CF-126-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-55	CF-127-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-56	CF-128-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-57	CF-129-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-58	CF-130-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-59	CF-131-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-60	CF-132-06.0-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26670-41 MS	CF-113-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-41 MSD	CF-113-00.3-NA-P	Total/NA	Solid	8015NM Prep	

Prep Batch: 50425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-61	CF-133-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-62	CF-134-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-63	CF-135-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-64	CF-136-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-65	CF-137-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-66	CF-138-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-67	CF-139-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-68	CF-140-06.0-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50425/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Prep Batch: 50425 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-50425/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50425/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26670-61 MS	CF-133-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-61 MSD	CF-133-06.0-NA-P	Total/NA	Solid	8015NM Prep	

Analysis Batch: 50461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-1	CF-073-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-2	CF-074-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-3	CF-075-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-4	CF-076-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-5	CF-077-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-6	CF-078-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-7	CF-079-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-8	CF-080-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-9	CF-081-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-10	CF-082-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-11	CF-083-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-12	CF-084-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-13	CF-085-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-14	CF-086-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-15	CF-087-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-16	CF-088-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-17	CF-089-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-18	CF-090-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-19	CF-091-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-20	CF-092-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-21	CF-093-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-22	CF-094-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-23	CF-095-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-24	CF-096-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-25	CF-097-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-26	CF-098-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-27	CF-099-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-28	CF-100-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-29	CF-101-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-30	CF-102-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-31	CF-103-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-32	CF-104-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-33	CF-105-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-34	CF-106-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-35	CF-107-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-36	CF-108-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-37	CF-109-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-38	CF-110-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-39	CF-111-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-40	CF-112-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-41	CF-113-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-42	CF-114-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-43	CF-115-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-44	CF-116-00.3-NA-P	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Analysis Batch: 50461 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-45	CF-117-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-46	CF-118-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-47	CF-119-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-48	CF-120-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-49	CF-121-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-50	CF-122-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-51	CF-123-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-52	CF-124-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-53	CF-125-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-54	CF-126-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-55	CF-127-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-56	CF-128-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-57	CF-129-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-58	CF-130-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-59	CF-131-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-60	CF-132-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-61	CF-133-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-62	CF-134-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-63	CF-135-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-64	CF-136-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-65	CF-137-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-66	CF-138-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-67	CF-139-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-68	CF-140-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-69	CF-141-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-70	CF-142-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-71	CF-143-06.0-NA-P	Total/NA	Solid	8015 NM	
880-26670-72	CF-144-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-73	CF-145-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-74	CF-146-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-75	CF-147-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-76	CF-148-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-77	CF-149-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-78	CF-150-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-79	CF-151-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-80	CF-152-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26670-81	CF-153-00.3-NA-P	Total/NA	Solid	8015 NM	

Prep Batch: 50535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-69	CF-141-06.0-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50535/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50535/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50535/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26670-69 MS	CF-141-06.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26670-69 MSD	CF-141-06.0-NA-P	Total/NA	Solid	8015NM Prep	

Analysis Batch: 50570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-1	CF-073-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-2	CF-074-00.3-NA-P	Total/NA	Solid	8015B NM	50323

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Analysis Batch: 50570 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-3	CF-075-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-4	CF-076-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-5	CF-077-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-6	CF-078-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-7	CF-079-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-8	CF-080-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-9	CF-081-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-10	CF-082-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-11	CF-083-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-12	CF-084-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-13	CF-085-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-14	CF-086-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-15	CF-087-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-16	CF-088-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-17	CF-089-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-18	CF-090-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-19	CF-091-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-20	CF-092-00.3-NA-P	Total/NA	Solid	8015B NM	50323
MB 880-50323/1-A	Method Blank	Total/NA	Solid	8015B NM	50323
LCS 880-50323/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50323
LCSD 880-50323/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50323
880-26670-2 MS	CF-074-00.3-NA-P	Total/NA	Solid	8015B NM	50323
880-26670-2 MSD	CF-074-00.3-NA-P	Total/NA	Solid	8015B NM	50323

Analysis Batch: 50572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-21	CF-093-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-22	CF-094-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-23	CF-095-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-24	CF-096-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-25	CF-097-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-26	CF-098-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-27	CF-099-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-28	CF-100-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-29	CF-101-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-30	CF-102-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-31	CF-103-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-32	CF-104-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-33	CF-105-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-34	CF-106-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-35	CF-107-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-36	CF-108-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-37	CF-109-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-38	CF-110-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-39	CF-111-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-40	CF-112-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-61	CF-133-06.0-NA-P	Total/NA	Solid	8015B NM	50425
880-26670-62	CF-134-06.0-NA-P	Total/NA	Solid	8015B NM	50425
880-26670-63	CF-135-06.0-NA-P	Total/NA	Solid	8015B NM	50425
880-26670-64	CF-136-06.0-NA-P	Total/NA	Solid	8015B NM	50425
880-26670-65	CF-137-06.0-NA-P	Total/NA	Solid	8015B NM	50425

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Analysis Batch: 50572 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-66	CF-138-06.0-NA-P	Total/NA	Solid	8015B NM	50425
880-26670-67	CF-139-06.0-NA-P	Total/NA	Solid	8015B NM	50425
880-26670-68	CF-140-06.0-NA-P	Total/NA	Solid	8015B NM	50425
MB 880-50324/1-A	Method Blank	Total/NA	Solid	8015B NM	50324
MB 880-50425/1-A	Method Blank	Total/NA	Solid	8015B NM	50425
LCS 880-50324/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50324
LCS 880-50425/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50425
LCSD 880-50324/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50324
LCSD 880-50425/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50425
880-26670-21 MS	CF-093-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-21 MSD	CF-093-00.3-NA-P	Total/NA	Solid	8015B NM	50324
880-26670-61 MS	CF-133-06.0-NA-P	Total/NA	Solid	8015B NM	50425
880-26670-61 MSD	CF-133-06.0-NA-P	Total/NA	Solid	8015B NM	50425

Analysis Batch: 50654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-41	CF-113-00.3-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-42	CF-114-00.3-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-43	CF-115-00.3-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-44	CF-116-00.3-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-45	CF-117-00.3-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-46	CF-118-00.3-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-47	CF-119-00.3-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-48	CF-120-00.3-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-49	CF-121-04.0-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-50	CF-122-04.0-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-51	CF-123-04.0-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-52	CF-124-04.0-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-53	CF-125-04.0-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-54	CF-126-04.0-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-55	CF-127-04.0-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-56	CF-128-06.0-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-57	CF-129-06.0-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-58	CF-130-06.0-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-59	CF-131-06.0-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-60	CF-132-06.0-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-69	CF-141-06.0-NA-P	Total/NA	Solid	8015B NM	50535
MB 880-50403/1-A	Method Blank	Total/NA	Solid	8015B NM	50403
MB 880-50535/1-A	Method Blank	Total/NA	Solid	8015B NM	50535
LCS 880-50403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50403
LCS 880-50535/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50535
LCSD 880-50403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50403
LCSD 880-50535/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50535
880-26670-41 MS	CF-113-00.3-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-41 MSD	CF-113-00.3-NA-P	Total/NA	Solid	8015B NM	50403
880-26670-69 MS	CF-141-06.0-NA-P	Total/NA	Solid	8015B NM	50535
880-26670-69 MSD	CF-141-06.0-NA-P	Total/NA	Solid	8015B NM	50535

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

HPLC/IC

Leach Batch: 50505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-81	CF-153-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50505/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50505/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50505/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 50507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-1	CF-073-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-2	CF-074-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-3	CF-075-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-4	CF-076-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-5	CF-077-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-6	CF-078-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-7	CF-079-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-8	CF-080-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-9	CF-081-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-10	CF-082-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-11	CF-083-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-12	CF-084-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-13	CF-085-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-14	CF-086-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-15	CF-087-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-16	CF-088-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-17	CF-089-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-18	CF-090-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-19	CF-091-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-20	CF-092-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50507/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50507/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50507/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26670-1 MS	CF-073-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-1 MSD	CF-073-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-11 MS	CF-083-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-11 MSD	CF-083-00.3-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-21	CF-093-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-22	CF-094-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-23	CF-095-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-24	CF-096-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-25	CF-097-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-26	CF-098-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-27	CF-099-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-28	CF-100-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-29	CF-101-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-30	CF-102-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-31	CF-103-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-32	CF-104-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-33	CF-105-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-34	CF-106-00.3-NA-P	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Leach Batch: 50508 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-35	CF-107-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-36	CF-108-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-37	CF-109-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-38	CF-110-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-39	CF-111-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-40	CF-112-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50508/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50508/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50508/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26670-21 MS	CF-093-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-21 MSD	CF-093-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-31 MS	CF-103-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-31 MSD	CF-103-00.3-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-41	CF-113-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-42	CF-114-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-43	CF-115-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-44	CF-116-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-45	CF-117-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-46	CF-118-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-47	CF-119-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-48	CF-120-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-49	CF-121-04.0-NA-P	Soluble	Solid	DI Leach	
880-26670-50	CF-122-04.0-NA-P	Soluble	Solid	DI Leach	
880-26670-51	CF-123-04.0-NA-P	Soluble	Solid	DI Leach	
880-26670-52	CF-124-04.0-NA-P	Soluble	Solid	DI Leach	
880-26670-53	CF-125-04.0-NA-P	Soluble	Solid	DI Leach	
880-26670-54	CF-126-04.0-NA-P	Soluble	Solid	DI Leach	
880-26670-55	CF-127-04.0-NA-P	Soluble	Solid	DI Leach	
880-26670-56	CF-128-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-57	CF-129-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-58	CF-130-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-59	CF-131-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-60	CF-132-06.0-NA-P	Soluble	Solid	DI Leach	
MB 880-50509/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50509/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50509/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26670-41 MS	CF-113-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-41 MSD	CF-113-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-51 MS	CF-123-04.0-NA-P	Soluble	Solid	DI Leach	
880-26670-51 MSD	CF-123-04.0-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-61	CF-133-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-62	CF-134-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-63	CF-135-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-64	CF-136-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-65	CF-137-06.0-NA-P	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Leach Batch: 50511 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-66	CF-138-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-67	CF-139-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-68	CF-140-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-69	CF-141-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-70	CF-142-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-71	CF-143-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-72	CF-144-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-73	CF-145-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-74	CF-146-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-75	CF-147-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-76	CF-148-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-77	CF-149-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-78	CF-150-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-79	CF-151-00.3-NA-P	Soluble	Solid	DI Leach	
880-26670-80	CF-152-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50511/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50511/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50511/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26670-61 MS	CF-133-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-61 MSD	CF-133-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-71 MS	CF-143-06.0-NA-P	Soluble	Solid	DI Leach	
880-26670-71 MSD	CF-143-06.0-NA-P	Soluble	Solid	DI Leach	

Analysis Batch: 50734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-81	CF-153-00.3-NA-P	Soluble	Solid	300.0	50505
MB 880-50505/1-A	Method Blank	Soluble	Solid	300.0	50505
LCS 880-50505/2-A	Lab Control Sample	Soluble	Solid	300.0	50505
LCSD 880-50505/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50505

Analysis Batch: 50742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-41	CF-113-00.3-NA-P	Soluble	Solid	300.0	50509
880-26670-42	CF-114-00.3-NA-P	Soluble	Solid	300.0	50509
880-26670-43	CF-115-00.3-NA-P	Soluble	Solid	300.0	50509
880-26670-44	CF-116-00.3-NA-P	Soluble	Solid	300.0	50509
880-26670-45	CF-117-00.3-NA-P	Soluble	Solid	300.0	50509
880-26670-46	CF-118-00.3-NA-P	Soluble	Solid	300.0	50509
880-26670-47	CF-119-00.3-NA-P	Soluble	Solid	300.0	50509
880-26670-48	CF-120-00.3-NA-P	Soluble	Solid	300.0	50509
880-26670-49	CF-121-04.0-NA-P	Soluble	Solid	300.0	50509
880-26670-50	CF-122-04.0-NA-P	Soluble	Solid	300.0	50509
880-26670-51	CF-123-04.0-NA-P	Soluble	Solid	300.0	50509
880-26670-52	CF-124-04.0-NA-P	Soluble	Solid	300.0	50509
880-26670-53	CF-125-04.0-NA-P	Soluble	Solid	300.0	50509
880-26670-54	CF-126-04.0-NA-P	Soluble	Solid	300.0	50509
880-26670-55	CF-127-04.0-NA-P	Soluble	Solid	300.0	50509
880-26670-56	CF-128-06.0-NA-P	Soluble	Solid	300.0	50509
880-26670-57	CF-129-06.0-NA-P	Soluble	Solid	300.0	50509
880-26670-58	CF-130-06.0-NA-P	Soluble	Solid	300.0	50509
880-26670-59	CF-131-06.0-NA-P	Soluble	Solid	300.0	50509

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Analysis Batch: 50742 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-60	CF-132-06.0-NA-P	Soluble	Solid	300.0	50509
MB 880-50509/1-A	Method Blank	Soluble	Solid	300.0	50509
LCS 880-50509/2-A	Lab Control Sample	Soluble	Solid	300.0	50509
LCSD 880-50509/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50509
880-26670-41 MS	CF-113-00.3-NA-P	Soluble	Solid	300.0	50509
880-26670-41 MSD	CF-113-00.3-NA-P	Soluble	Solid	300.0	50509
880-26670-51 MS	CF-123-04.0-NA-P	Soluble	Solid	300.0	50509
880-26670-51 MSD	CF-123-04.0-NA-P	Soluble	Solid	300.0	50509

Analysis Batch: 50744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-1	CF-073-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-2	CF-074-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-3	CF-075-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-4	CF-076-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-5	CF-077-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-6	CF-078-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-7	CF-079-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-8	CF-080-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-9	CF-081-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-10	CF-082-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-11	CF-083-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-12	CF-084-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-13	CF-085-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-14	CF-086-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-15	CF-087-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-16	CF-088-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-17	CF-089-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-18	CF-090-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-19	CF-091-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-20	CF-092-00.3-NA-P	Soluble	Solid	300.0	50507
MB 880-50507/1-A	Method Blank	Soluble	Solid	300.0	50507
LCS 880-50507/2-A	Lab Control Sample	Soluble	Solid	300.0	50507
LCSD 880-50507/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50507
880-26670-1 MS	CF-073-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-1 MSD	CF-073-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-11 MS	CF-083-00.3-NA-P	Soluble	Solid	300.0	50507
880-26670-11 MSD	CF-083-00.3-NA-P	Soluble	Solid	300.0	50507

Analysis Batch: 50745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-21	CF-093-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-22	CF-094-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-23	CF-095-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-24	CF-096-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-25	CF-097-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-26	CF-098-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-27	CF-099-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-28	CF-100-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-29	CF-101-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-30	CF-102-00.3-NA-P	Soluble	Solid	300.0	50508

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Analysis Batch: 50745 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-31	CF-103-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-32	CF-104-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-33	CF-105-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-34	CF-106-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-35	CF-107-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-36	CF-108-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-37	CF-109-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-38	CF-110-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-39	CF-111-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-40	CF-112-00.3-NA-P	Soluble	Solid	300.0	50508
MB 880-50508/1-A	Method Blank	Soluble	Solid	300.0	50508
LCS 880-50508/2-A	Lab Control Sample	Soluble	Solid	300.0	50508
LCSD 880-50508/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50508
880-26670-21 MS	CF-093-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-21 MSD	CF-093-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-31 MS	CF-103-00.3-NA-P	Soluble	Solid	300.0	50508
880-26670-31 MSD	CF-103-00.3-NA-P	Soluble	Solid	300.0	50508

Analysis Batch: 50746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26670-61	CF-133-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-62	CF-134-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-63	CF-135-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-64	CF-136-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-65	CF-137-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-66	CF-138-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-67	CF-139-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-68	CF-140-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-69	CF-141-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-70	CF-142-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-71	CF-143-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-72	CF-144-00.3-NA-P	Soluble	Solid	300.0	50511
880-26670-73	CF-145-00.3-NA-P	Soluble	Solid	300.0	50511
880-26670-74	CF-146-00.3-NA-P	Soluble	Solid	300.0	50511
880-26670-75	CF-147-00.3-NA-P	Soluble	Solid	300.0	50511
880-26670-76	CF-148-00.3-NA-P	Soluble	Solid	300.0	50511
880-26670-77	CF-149-00.3-NA-P	Soluble	Solid	300.0	50511
880-26670-78	CF-150-00.3-NA-P	Soluble	Solid	300.0	50511
880-26670-79	CF-151-00.3-NA-P	Soluble	Solid	300.0	50511
880-26670-80	CF-152-00.3-NA-P	Soluble	Solid	300.0	50511
MB 880-50511/1-A	Method Blank	Soluble	Solid	300.0	50511
LCS 880-50511/2-A	Lab Control Sample	Soluble	Solid	300.0	50511
LCSD 880-50511/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50511
880-26670-61 MS	CF-133-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-61 MSD	CF-133-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-71 MS	CF-143-06.0-NA-P	Soluble	Solid	300.0	50511
880-26670-71 MSD	CF-143-06.0-NA-P	Soluble	Solid	300.0	50511

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-073-00.3-NA-P

Lab Sample ID: 880-26670-1
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 00:01	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 21:40	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 16:14	SMC	EET MID

Client Sample ID: CF-074-00.3-NA-P

Lab Sample ID: 880-26670-2
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 00:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 20:35	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 16:28	SMC	EET MID

Client Sample ID: CF-075-00.3-NA-P

Lab Sample ID: 880-26670-3
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 00:42	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 22:01	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 16:33	SMC	EET MID

Client Sample ID: CF-076-00.3-NA-P

Lab Sample ID: 880-26670-4
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 01:03	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-076-00.3-NA-P

Lab Sample ID: 880-26670-4
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 22:22	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 16:38	SMC	EET MID

Client Sample ID: CF-077-00.3-NA-P

Lab Sample ID: 880-26670-5
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 01:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 22:44	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 16:43	SMC	EET MID

Client Sample ID: CF-078-00.3-NA-P

Lab Sample ID: 880-26670-6
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 01:43	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 23:06	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 17:47	SMC	EET MID

Client Sample ID: CF-079-00.3-NA-P

Lab Sample ID: 880-26670-7
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 02:04	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 23:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-079-00.3-NA-P

Lab Sample ID: 880-26670-7
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 17:52	SMC	EET MID

Client Sample ID: CF-080-00.3-NA-P

Lab Sample ID: 880-26670-8
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 02:24	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 23:50	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 17:57	SMC	EET MID

Client Sample ID: CF-081-00.3-NA-P

Lab Sample ID: 880-26670-9
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 02:45	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/08/23 00:11	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 18:02	SMC	EET MID

Client Sample ID: CF-082-00.3-NA-P

Lab Sample ID: 880-26670-10
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 03:05	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/08/23 00:33	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 18:06	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-083-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 04:28	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/08/23 01:17	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 18:11	SMC	EET MID

Client Sample ID: CF-084-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 04:49	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/08/23 01:38	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 18:26	SMC	EET MID

Client Sample ID: CF-085-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 05:09	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/08/23 01:59	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 18:31	SMC	EET MID

Client Sample ID: CF-086-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 05:29	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-086-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/08/23 02:20	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 18:45	SMC	EET MID

Client Sample ID: CF-087-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 05:50	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.031 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/08/23 02:41	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 18:50	SMC	EET MID

Client Sample ID: CF-088-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 06:10	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/08/23 03:03	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 18:55	SMC	EET MID

Client Sample ID: CF-089-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 06:31	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/08/23 03:24	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-089-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 19:00	SMC	EET MID

Client Sample ID: CF-090-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 06:51	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/08/23 03:45	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 19:04	SMC	EET MID

Client Sample ID: CF-091-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 07:12	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/08/23 04:06	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 19:09	SMC	EET MID

Client Sample ID: CF-092-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50515	04/06/23 12:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/08/23 07:32	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50323	04/04/23 14:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/08/23 04:28	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50507	04/06/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50744	04/09/23 19:14	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-093-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/08/23 19:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 20:35	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 19:53	SMC	EET MID

Client Sample ID: CF-094-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/08/23 20:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 21:40	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 20:07	SMC	EET MID

Client Sample ID: CF-095-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/08/23 20:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 22:01	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 20:12	SMC	EET MID

Client Sample ID: CF-096-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/08/23 20:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-096-00.3-NA-P

Lab Sample ID: 880-26670-24
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 22:22	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 20:17	SMC	EET MID

Client Sample ID: CF-097-00.3-NA-P

Lab Sample ID: 880-26670-25
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/08/23 21:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 22:44	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 20:22	SMC	EET MID

Client Sample ID: CF-098-00.3-NA-P

Lab Sample ID: 880-26670-26
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/08/23 21:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 23:06	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 20:37	SMC	EET MID

Client Sample ID: CF-099-00.3-NA-P

Lab Sample ID: 880-26670-27
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/08/23 21:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 23:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-099-00.3-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 20:41	SMC	EET MID

Client Sample ID: CF-100-00.3-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/08/23 22:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 23:50	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 20:46	SMC	EET MID

Client Sample ID: CF-101-00.3-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/08/23 22:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/08/23 00:11	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 20:51	SMC	EET MID

Client Sample ID: CF-102-00.3-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/08/23 22:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/08/23 00:33	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 20:56	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-103-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-31

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/09/23 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/08/23 01:17	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 21:01	SMC	EET MID

Client Sample ID: CF-104-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-32

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/09/23 00:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/08/23 01:38	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 21:15	SMC	EET MID

Client Sample ID: CF-105-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/09/23 00:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/08/23 01:59	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 21:20	SMC	EET MID

Client Sample ID: CF-106-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/09/23 01:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-106-00.3-NA-P

Lab Sample ID: 880-26670-34
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/08/23 02:20	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 21:35	SMC	EET MID

Client Sample ID: CF-107-00.3-NA-P

Lab Sample ID: 880-26670-35
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/09/23 01:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/08/23 02:41	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 21:40	SMC	EET MID

Client Sample ID: CF-108-00.3-NA-P

Lab Sample ID: 880-26670-36
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/09/23 01:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/08/23 03:03	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 21:44	SMC	EET MID

Client Sample ID: CF-109-00.3-NA-P

Lab Sample ID: 880-26670-37
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/09/23 02:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/08/23 03:24	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-109-00.3-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 21:49	SMC	EET MID

Client Sample ID: CF-110-00.3-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/09/23 02:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/08/23 03:45	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 21:54	SMC	EET MID

Client Sample ID: CF-111-00.3-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/09/23 02:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/08/23 04:06	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 21:59	SMC	EET MID

Client Sample ID: CF-112-00.3-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50516	04/06/23 12:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/09/23 03:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50324	04/04/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/08/23 04:28	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50508	04/06/23 10:50	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50745	04/09/23 22:04	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-113-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-41

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/08/23 23:42	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 11:37	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 20:34	SMC	EET MID

Client Sample ID: CF-114-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-42

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 00:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 12:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 20:47	SMC	EET MID

Client Sample ID: CF-115-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 00:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 13:03	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 20:52	SMC	EET MID

Client Sample ID: CF-116-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-44

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 00:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-116-00.3-NA-P

Lab Sample ID: 880-26670-44
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 13:25	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 20:56	SMC	EET MID

Client Sample ID: CF-117-00.3-NA-P

Lab Sample ID: 880-26670-45
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 01:04	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 13:47	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 21:01	SMC	EET MID

Client Sample ID: CF-118-00.3-NA-P

Lab Sample ID: 880-26670-46
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 01:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 14:09	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 21:15	SMC	EET MID

Client Sample ID: CF-119-00.3-NA-P

Lab Sample ID: 880-26670-47
Matrix: Solid
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 01:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 14:31	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-119-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 21:19	SMC	EET MID

Client Sample ID: CF-120-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-48

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 02:06	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 14:53	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 21:24	SMC	EET MID

Client Sample ID: CF-121-04.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-49

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 02:27	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 15:15	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 21:28	SMC	EET MID

Client Sample ID: CF-122-04.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 02:47	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 15:37	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 21:33	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-123-04.0-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 04:11	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 16:29	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 21:37	SMC	EET MID

Client Sample ID: CF-124-04.0-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 04:31	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 16:51	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 21:51	SMC	EET MID

Client Sample ID: CF-125-04.0-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 04:52	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 17:12	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 21:55	SMC	EET MID

Client Sample ID: CF-126-04.0-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 05:13	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-126-04.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-54

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 17:34	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 22:09	SMC	EET MID

Client Sample ID: CF-127-04.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-55

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 05:33	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.031 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 17:55	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 22:14	SMC	EET MID

Client Sample ID: CF-128-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-56

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 05:54	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 18:17	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 22:18	SMC	EET MID

Client Sample ID: CF-129-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-57

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 06:15	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 18:38	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-129-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-57

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 22:23	SMC	EET MID

Client Sample ID: CF-130-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-58

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 06:35	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 18:59	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 22:28	SMC	EET MID

Client Sample ID: CF-131-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-59

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 06:56	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 19:21	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 22:32	SMC	EET MID

Client Sample ID: CF-132-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-60

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50518	04/06/23 12:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/09/23 07:17	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50403	04/05/23 12:02	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 19:43	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50509	04/06/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50742	04/09/23 22:37	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-133-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-61

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 19:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50425	04/05/23 16:03	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 10:49	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/09/23 22:43	SMC	EET MID

Client Sample ID: CF-134-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-62

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 20:04	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50425	04/05/23 16:03	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 11:54	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/09/23 22:57	SMC	EET MID

Client Sample ID: CF-135-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-63

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 20:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50425	04/05/23 16:03	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 12:16	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/09/23 23:02	SMC	EET MID

Client Sample ID: CF-136-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-64

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 20:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:47	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-136-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-64

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50425	04/05/23 16:03	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 12:37	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/09/23 23:07	SMC	EET MID

Client Sample ID: CF-137-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-65

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 21:06	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50425	04/05/23 16:03	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 12:59	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/09/23 23:12	SMC	EET MID

Client Sample ID: CF-138-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-66

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 21:27	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50425	04/05/23 16:03	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 13:21	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/09/23 23:26	SMC	EET MID

Client Sample ID: CF-139-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-67

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 21:48	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50425	04/05/23 16:03	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 13:42	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-139-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-67

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/09/23 23:31	SMC	EET MID

Client Sample ID: CF-140-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-68

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 22:08	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50425	04/05/23 16:03	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50572	04/07/23 14:04	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/09/23 23:36	SMC	EET MID

Client Sample ID: CF-141-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-69

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 22:29	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/09/23 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50535	04/06/23 15:38	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50654	04/08/23 21:31	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/09/23 23:41	SMC	EET MID

Client Sample ID: CF-142-06.0-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-70

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 22:50	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/06/23 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50317	04/04/23 12:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 22:21	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/09/23 23:46	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-143-06.0-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-71
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50519	04/06/23 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 17:53	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/06/23 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50317	04/04/23 12:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 22:42	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/09/23 23:51	SMC	EET MID

Client Sample ID: CF-144-00.3-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-72
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50519	04/06/23 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 18:13	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/06/23 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50317	04/04/23 12:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 23:03	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/10/23 00:05	SMC	EET MID

Client Sample ID: CF-145-00.3-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-73
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50519	04/06/23 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 18:34	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/06/23 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50317	04/04/23 12:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 23:24	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/10/23 00:10	SMC	EET MID

Client Sample ID: CF-146-00.3-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-74
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50519	04/06/23 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 18:54	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-146-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-74
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50461	04/06/23 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50317	04/04/23 12:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 23:45	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/10/23 00:24	SMC	EET MID

Client Sample ID: CF-147-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-75
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50519	04/06/23 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 19:14	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/06/23 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50317	04/04/23 12:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/06/23 00:06	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/10/23 00:29	SMC	EET MID

Client Sample ID: CF-148-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-76
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50519	04/06/23 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 19:35	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/06/23 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50317	04/04/23 12:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/06/23 00:28	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/10/23 00:34	SMC	EET MID

Client Sample ID: CF-149-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50519	04/06/23 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 19:55	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/06/23 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50317	04/04/23 12:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/06/23 00:49	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-149-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-77

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/10/23 00:39	SMC	EET MID

Client Sample ID: CF-150-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-78

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50519	04/06/23 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 20:16	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/06/23 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50317	04/04/23 12:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/06/23 01:09	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/10/23 00:44	SMC	EET MID

Client Sample ID: CF-151-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-79

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	50519	04/06/23 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 20:36	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/06/23 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50317	04/04/23 12:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/06/23 01:52	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/10/23 00:49	SMC	EET MID

Client Sample ID: CF-152-00.3-NA-P

Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-80

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	50519	04/06/23 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 20:57	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/06/23 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50317	04/04/23 12:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/06/23 02:13	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50511	04/06/23 10:53	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50746	04/10/23 00:53	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Client Sample ID: CF-153-00.3-NA-P
Date Collected: 03/29/23 00:00
Date Received: 04/03/23 08:15

Lab Sample ID: 880-26670-81
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	50528	04/06/23 15:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50706	04/09/23 13:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50666	04/10/23 10:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			50461	04/06/23 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50317	04/04/23 12:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 21:17	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50505	04/06/23 10:46	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50734	04/09/23 10:54	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26670-1
Project/Site: 7520 Crazy Horse CTB
SDG: Eddy Co., NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26670-1	CF-073-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-2	CF-074-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-3	CF-075-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-4	CF-076-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-5	CF-077-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-6	CF-078-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-7	CF-079-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-8	CF-080-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-9	CF-081-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-10	CF-082-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-11	CF-083-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-12	CF-084-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-13	CF-085-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-14	CF-086-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-15	CF-087-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-16	CF-088-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-17	CF-089-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-18	CF-090-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-19	CF-091-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-20	CF-092-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-21	CF-093-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-22	CF-094-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-23	CF-095-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-24	CF-096-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-25	CF-097-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-26	CF-098-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-27	CF-099-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-28	CF-100-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-29	CF-101-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-30	CF-102-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-31	CF-103-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-32	CF-104-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-33	CF-105-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-34	CF-106-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-35	CF-107-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-36	CF-108-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-37	CF-109-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-38	CF-110-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-39	CF-111-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-40	CF-112-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-41	CF-113-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-42	CF-114-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-43	CF-115-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-44	CF-116-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-45	CF-117-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-46	CF-118-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-47	CF-119-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-48	CF-120-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-49	CF-121-04.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-50	CF-122-04.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-51	CF-123-04.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-52	CF-124-04.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-53	CF-125-04.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-54	CF-126-04.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15

Sample Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26670-1
SDG: Eddy Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26670-55	CF-127-04.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-56	CF-128-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-57	CF-129-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-58	CF-130-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-59	CF-131-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-60	CF-132-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-61	CF-133-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-62	CF-134-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-63	CF-135-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-64	CF-136-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-65	CF-137-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-66	CF-138-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-67	CF-139-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-68	CF-140-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-69	CF-141-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-70	CF-142-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-71	CF-143-06.0-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-72	CF-144-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-73	CF-145-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-74	CF-146-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-75	CF-147-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-76	CF-148-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-77	CF-149-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-78	CF-150-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-79	CF-151-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-80	CF-152-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15
880-26670-81	CF-153-00.3-NA-P	Solid	03/29/23 00:00	04/03/23 08:15

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Chain of Custody

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Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 266670

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co , NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	5NB	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.1	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.3	
Total Containers:		Corrected Temperature:	3.0	

ANALYSIS REQUEST

Preservative Codes

None. NO | DI Water H_2O
Cool Cool | MeOH Me
HCL. HC | HNO_3. HN
H_2S0_4. H_2 | NaOH Na
H_3PO_4. HP
$NaHSO_4$. NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-073-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	No2
CF-074-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-075-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-076-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-077-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-078-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-079-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-080-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-081-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-082-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	

880-26670 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/31/23 11:59	2		4/3/23 815
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 2/28/2024 4:14:15 PM

Released to Imaging: 3/4/2024 11:19:30 AM

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 266670

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4 30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ RRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor	
Sample Custody Seals:	Yes No N/A		Temperature Reading	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None NO | DI Water H_2O
Cool Cool | MeOH Me
HCL HC | HNO_3 HN
H_2S0_4 H_2 | NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-083-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-084-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-085-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-086-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-087-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-088-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-089-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-090-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-091-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-092-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			3/31/2311:5			4/3/23
3				4		815
5				6		

Revised Date: 08/25/2020 Rev: 2020.2

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 260670

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co , NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None NO | DI Water H_2O
Cool Cool | MeOH Me
HCL HC | HNO_3 HN
H_2SO_4 H_2 | NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-093-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-094-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-095-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-096-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-097-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-098-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-099-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-100-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-101-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-102-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/31/23 11:59	2		4/3/23 815
3			4		
5			6		

Revised Date 08/25/2020 Rev 2020.2

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Hobbs, NM (575) 392-7550, Carlsbad NM (575) 988-3199

Work Order No: 266670

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Project Manager:	Dan Dunkelberg	Bill to. (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4.30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor		
Sample Custody Seals:	Yes No N/A	Temperature Reading.		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO DI Water H_2O
Cool Cool MeOH Me
HCL. HC HNO_3. HN
H_2S0_4. H_2 NaOH Na
H_3PO_4. HP
$NaHSO_4$. NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-103-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-104-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-105-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-106-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-107-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-108-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-109-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-110-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-111-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-112-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			3/31/23 11:47	2		4/3/23
3				4		85
5				6		

Revised Date 08/25/2020 Rev 2020.2

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Hobbs, NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 266070

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP	Hobbs, NM 88241	City, State ZIP	Midland, TX 79701
Phone:	575-602-2403 Email:		Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number	7520	☐ Routine ☐ Rush	
Project Location	Eddy Co , NM	Due Date.	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4.30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT	Temp Blank.	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None NO | DI Water H_2O
Cool Cool | MeOH Me
HCL HC | HNO_3 HN
H_2S0_4 H_2 | NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-113-00 3-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-114-00 3-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-115-00 3-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-116-00 3-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-117-00 3-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-118-00 3-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-119-00 3-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-120-00.3-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-121-04 0-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-122-04 0-NA-P	Soil	3/29/2023			C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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	Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1			3/31/23 11:52	2		4/3/23
3				4		815
5				6		

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4/17/2023

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 246670

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Project Manager	Dan Dunkelberg	Bill to. (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP	Hobbs, NM 88241	City, State ZIP	Midland, TX 79701
Phone:	575-602-2403 Email		Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number	7520	☐ Routine ☐ Rush	
Project Location	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4.30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor		
Sample Custody Seals:	Yes No N/A	Temperature Reading		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chloride (4500)	TPH (8015)	BTEX (8021B)	Pres. Code
CF-123-04 0-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-124-04 0-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-125-04 0-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-126-04 0-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-127-04 0-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-128-06 0-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-129-06 0-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-130-06 0-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-131-06 0-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-132-06 0-NA-P	Soil	3/29/2023			C	1	X	X	X	

Parameters

Preservative Codes

None NO | DI Water H_2O
Cool Cool | MeOH Me
HCL HC | HNO_3. HN
H_2S0_4. H_2 | NaOH Na
H_3PO_4 HP
$NaHSO_4$. NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1			3/31/23 11:52	2		4/3/23
3				4		015
5				6		

Revised Date: 08/25/2020 Rev: 2020.2

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 26670

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Project Manager	Dan Dunkelberg	Bill to. (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP	Hobbs, NM 88241	City, State ZIP	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number	7520	☐ Routine ☐ Rush	
Project Location.	Eddy Co., NM	Due Date	
Sampler's Name.	KA	TAT starts the day received by the lab if received by 4.30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor	
Sample Custody Seals:	Yes No N/A		Temperature Reading	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None. NO DI Water H_2O
Cool Cool MeOH Me
HCL. HC HNO_3. HN
H_2S0_4. H_2 NaOH. Na
H_3PO_4. HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-133-06 0-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-134-06 0-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-135-06 0-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-136-06 0-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-137-06 0-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-138-06 0-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-139-06 0-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-140-06 0-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-141-06 0-NA-P	Soil	3/29/2023			C	1		X	X	X	
CF-142-06 0-NA-P	Soil	3/29/2023			C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1		3/31/23 11:5	2		4/3/23 815
3			4		
5			6		

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Hobbs NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 2666TD

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co , NM	Due Date:	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4.30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool Cool MeOH Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-143-06 0-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-144-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-145-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-146-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-147-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-148-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-149-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-150-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-151-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	
CF-152-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1			3/31/23 11:51	2		4/3/23
3				4		815
5				6		

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Hobbs, NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 26670

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403 Email		Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co , NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4.30pm	
PO #:			

Work Order Comments

Program: UST/PST ☐ RRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yes No

Samples Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-153-00 3-NA-P	Soil	3/29/2023			C	1	X	X	X	

Loc: 880
26670

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			3/30/23 11:52			4/3/23
2						815
3						
4						
5						
6						

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Login Sample Receipt Checklist

Client: Trinity Oilfield Services & Rentals, LLC

Job Number: 880-26670-1
SDG Number: Eddy Co., NM

Login Number: 26670
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Dan Dunkelberg
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, New Mexico 88241

Generated 4/14/2023 10:45:17 AM Revision 1

JOB DESCRIPTION

7520 Crazy Horse CTB

JOB NUMBER

880-26816-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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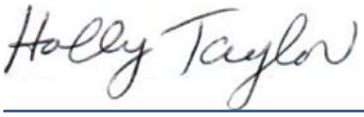
Eurofins Midland

Job Notes

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

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

Authorization



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Revision 1

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Laboratory Job ID: 880-26816-1

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QC Sample Results 99
QC Association Summary 127
Lab Chronicle 152
Certification Summary 186
Method Summary 187
Sample Summary 188
Chain of Custody 191
Receipt Checklists 203

Definitions/Glossary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-26816-1

Revision
The report being provided is a revision of the original report sent on 4/13/2023. The report (revision 1) is being revised to correct results for samples 2 adn 3 for Cl per SC (email).

Receipt
The samples were received on 4/5/2023 11:33 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 was 1.0º C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CF-189-00.3-NA-P (880-26816-1), CF-190-00.3-NA-P (880-26816-2), CF-191-00.3-NA-P (880-26816-3), CF-0192-00.3-NA-P (880-26816-4), CF-193-00.3-NA-P (880-26816-5), CF-194-00.3-NA-P (880-26816-6), CF-195-00.3-NA-P (880-26816-7), CF-196-00.3-NA-P (880-26816-8), CF-197-00.3-NA-P (880-26816-9), CF-198-00.3-NA-P (880-26816-10), CF-199-00.3-NA-P (880-26816-11), CF-200-00.3-NA-P (880-26816-12), CF-201-00.3-NA-P (880-26816-13), CF-202-00.3-NA-P (880-26816-14), CF-203-00.3-NA-P (880-26816-15), CF-204-00.3-NA-P (880-26816-16), CF-205-00.3-NA-P (880-26816-17), CF-206-00.3-NA-P (880-26816-18), CF-207-00.3-NA-P (880-26816-19), CF-208-00.3-NA-P (880-26816-20), CF-209-00.3-NA-P (880-26816-21), CF-210-00.3-NA-P (880-26816-22), CF-211-00.3-NA-P (880-26816-23), CF-212-00.3-NA-P (880-26816-24), CF-213-00.3-NA-P (880-26816-25), CF-214-00.3-NA-P (880-26816-26), CF-215-00.3-NA-P (880-26816-27), CF-216-00.3-NA-P (880-26816-28), CF-217-00.3-NA-P (880-26816-29), CF-218-00.3-NA-P (880-26816-30), CF-219-00.3-NA-P (880-26816-31), CF-220-00.3-NA-P (880-26816-32), CF-221-00.3-NA-P (880-26816-33), CF-222-00.3-NA-P (880-26816-34), CF-223-00.3-NA-P (880-26816-35), CF-224-00.3-NA-P (880-26816-36), CF-225-00.3-NA-P (880-26816-37), CF-226-00.3-NA-P (880-26816-38), CF-227-00.3-NA-P (880-26816-39), CF-228-00.3-NA-P (880-26816-40), CF-229-00.3-NA-P (880-26816-41), CF-230-00.3-NA-P (880-26816-42), CF-231-00.3-NA-P (880-26816-43), CF-232-00.3-NA-P (880-26816-44), CF-233-00.3-NA-P (880-26816-45), CF-234-00.3-NA-P (880-26816-46), CF-235-00.3-NA-P (880-26816-47), CF-236-00.3-NA-P (880-26816-48), CF-237-00.3-NA-P (880-26816-49), CF-238-00.3-NA-P (880-26816-50), CF-239-00.3-NA-P (880-26816-51), CF-240-00.3-NA-P (880-26816-52), CF-241-00.3-NA-P (880-26816-53), CF-242-00.3-NA-P (880-26816-54), CF-243-00.3-NA-P (880-26816-55), CF-244-00.3-NA-P (880-26816-56), CF-245-00.3-NA-P (880-26816-57), CF-246-00.3-NA-P (880-26816-58), CF-247-00.3-NA-P (880-26816-59), CF-248-00.3-NA-P (880-26816-60), CF-249-00.3-NA-P (880-26816-61), CF-250-00.3-NA-P (880-26816-62), CF-251-00.3-NA-P (880-26816-63), CF-252-00.3-NA-P (880-26816-64), CF-253-00.3-NA-P (880-26816-65), CF-254-00.3-NA-P (880-26816-66), CF-255-00.3-NA-P (880-26816-67), CF-256-00.3-NA-P (880-26816-68), CF-257-00.3-NA-P (880-26816-69), CF-258-00.3-NA-P (880-26816-70), CF-259-00.3-NA-P (880-26816-71), CF-260-00.3-NA-P (880-26816-72), CF-261-00.3-NA-P (880-26816-73), CF-008-04.0-NA-P (880-26816-74), CF-064-00.3-NA-P (880-26816-75), CF-069-00.3-NA-P (880-26816-76), CF-169-00.3-NA-P (880-26816-77), CF-170-00.3-NA-P (880-26816-78), CF-171-00.3-NA-P (880-26816-79), CF-172-00.3-NA-P (880-26816-80), CF-154-00.3-NA-P (880-26816-81), CF-155-00.3-NA-P (880-26816-82), CF-156-00.3-NA-P (880-26816-83), CF-157-00.3-NA-P (880-26816-84), CF-158-00.3-NA-P (880-26816-85), CF-159-00.3-NA-P (880-26816-86), CF-160-00.3-NA-P (880-26816-87), CF-161-00.3-NA-P (880-26816-88), CF-162-00.3-NA-P (880-26816-89), CF-163-00.3-NA-P (880-26816-90), CF-164-00.3-NA-P (880-26816-91), CF-165-00.3-NA-P (880-26816-92), CF-166-00.3-NA-P (880-26816-93), CF-167-00.3-NA-P (880-26816-94), CF-168-00.3-NA-P (880-26816-95), CF-173-00.3-NA-P (880-26816-96), CF-174-00.3-NA-P (880-26816-97), CF-175-00.3-NA-P (880-26816-98), CF-176-00.3-NA-P (880-26816-99), CF-177-00.3-NA-P (880-26816-100), CF-178-00.3-NA-P (880-26816-101), CF-179-00.3-NA-P (880-26816-102), CF-180-00.3-NA-P (880-26816-103), CF-181-00.3-NA-P (880-26816-104), CF-182-00.3-NA-P (880-26816-105), CF-183-00.3-NA-P (880-26816-106), CF-184-00.3-NA-P (880-26816-107), CF-185-00.3-NA-P (880-26816-108), CF-186-00.3-NA-P (880-26816-109), CF-187-00.3-NA-P (880-26816-110) and CF-188-00.3-NA-P (880-26816-111).

GC VOA
Method 8021B: The continuing calibration verification (CCV) associated with batch 880-50768 recovered above the upper control limit for Benzene, Toluene, Ethylbenzene, m,p-Xylenes, o-Xylene and Xylenes, Total. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-231-00.3-NA-P (880-26816-43), CF-232-00.3-NA-P (880-26816-44), CF-236-00.3-NA-P (880-26816-48), CF-238-00.3-NA-P (880-26816-50) and CF-241-00.3-NA-P (880-26816-53). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-237-00.3-NA-P (880-26816-49), CF-239-00.3-NA-P (880-26816-51), CF-240-00.3-NA-P (880-26816-52), CF-242-00.3-NA-P (880-26816-54), CF-243-00.3-NA-P (880-26816-55) and CF-244-00.3-NA-P (880-26816-56). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-50533 and analytical batch 880-50869 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50815 and analytical batch 880-50912 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-50912 recovered above the upper control limit for Benzene, Toluene, Ethylbenzene, m,p-Xylenes and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-249-00.3-NA-P (880-26816-61), CF-250-00.3-NA-P (880-26816-62), CF-251-00.3-NA-P (880-26816-63), CF-252-00.3-NA-P (880-26816-64), CF-253-00.3-NA-P (880-26816-65), CF-254-00.3-NA-P (880-26816-66), CF-256-00.3-NA-P (880-26816-68), CF-258-00.3-NA-P (880-26816-70), CF-260-00.3-NA-P (880-26816-72), CF-261-00.3-NA-P (880-26816-73), CF-008-04.0-NA-P (880-26816-74), CF-064-00.3-NA-P (880-26816-75), CF-069-00.3-NA-P (880-26816-76), CF-169-00.3-NA-P (880-26816-77), CF-171-00.3-NA-P (880-26816-79), CF-172-00.3-NA-P (880-26816-80), CF-154-00.3-NA-P (880-26816-81), CF-155-00.3-NA-P (880-26816-82), CF-156-00.3-NA-P (880-26816-83), CF-157-00.3-NA-P (880-26816-84), CF-158-00.3-NA-P (880-26816-85), CF-159-00.3-NA-P (880-26816-86), CF-160-00.3-NA-P (880-26816-87) and CF-163-00.3-NA-P (880-26816-90). 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 880-50997 and analytical batch 880-50944 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-247-00.3-NA-P (880-26816-59) and CF-248-00.3-NA-P (880-26816-60). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CF-246-00.3-NA-P (880-26816-58). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-176-00.3-NA-P (880-26816-99) and CF-177-00.3-NA-P (880-26816-100). 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 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-50555 and analytical batch 880-50570 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-50555/2-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CF-223-00.3-NA-P (880-26816-35). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-26816-A-15-C MS) and

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1 (Continued)

Laboratory: Eurofins Midland (Continued)

(880-26816-A-15-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-50622 and analytical batch 880-50710 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-50622/2-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-50710/58). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CF-174-00.3-NA-P (880-26816-97). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-50623 and analytical batch 880-50710 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.

General Chemistry
Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50700 and 880-50700 and analytical batch 880-50906 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.

CF-209-00.3-NA-P (880-26816-21), CF-210-00.3-NA-P (880-26816-22), CF-211-00.3-NA-P (880-26816-23), CF-212-00.3-NA-P (880-26816-24), CF-213-00.3-NA-P (880-26816-25), CF-214-00.3-NA-P (880-26816-26), CF-215-00.3-NA-P (880-26816-27), CF-216-00.3-NA-P (880-26816-28), CF-217-00.3-NA-P (880-26816-29), CF-218-00.3-NA-P (880-26816-30), (880-26816-A-21-F MS) and (880-26816-A-21-G MSD)

Method 300.0: There was a 10 fold typographic error in prep batch 880-50699. Results have been recalculated to correct the error.
880-26816-2:
Incorrect Initial Amount: 50.2 g Incorrect Initial Final Result: 3.23 mg/Kg
Corrected Initial Amount: 5.02 g Corrected Final Result: 32.3 mg/Kg
880-26816-3:
Incorrect Initial Amount: 50.5 g Incorrect Initial Final Result: 1.88 mg/Kg
Corrected Initial Amount: 5.05 g Corrected Final Result: 18.8 mg/Kg
CF-190-00.3-NA-P (880-26816-2) and CF-191-00.3-NA-P (880-26816-3)

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

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

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

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-189-00.3-NA-P
Lab Sample ID: 880-26816-1
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/10/23 23:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/10/23 23:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/10/23 23:48	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:29	04/10/23 23:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/10/23 23:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:29	04/10/23 23:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/06/23 15:29*	*04/10/23 23:48*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 15:29*	*04/10/23 23:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 14:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 14:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*121*		*70 - 130*	*04/06/23 15:44*	*04/08/23 14:31*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/06/23 15:44*	*04/08/23 14:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.3**		5.01		mg/Kg			04/10/23 18:47	1

Client Sample ID: CF-190-00.3-NA-P
Lab Sample ID: 880-26816-2
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:29	04/11/23 00:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:29	04/11/23 00:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:29	04/11/23 00:08	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 15:29	04/11/23 00:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:29	04/11/23 00:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 15:29	04/11/23 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 15:29*	*04/11/23 00:08*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 15:29*	*04/11/23 00:08*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-190-00.3-NA-P
Lab Sample ID: 880-26816-2
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/06/23 15:44	04/08/23 14:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/06/23 15:44	04/08/23 14:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/06/23 15:44	04/08/23 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*04/06/23 15:44*	*04/08/23 14:53*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/06/23 15:44*	*04/08/23 14:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.3**		4.98		mg/Kg			04/10/23 19:02	1

Client Sample ID: CF-191-00.3-NA-P
Lab Sample ID: 880-26816-3
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 00:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 00:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 00:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 00:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 00:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 15:29*	*04/11/23 00:28*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 15:29*	*04/11/23 00:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 15:44	04/08/23 15:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:44	04/08/23 15:15	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-191-00.3-NA-P
Lab Sample ID: 880-26816-3
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:44	04/08/23 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/06/23 15:44*	*04/08/23 15:15*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/06/23 15:44*	*04/08/23 15:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.8**		4.95		mg/Kg			04/10/23 19:06	1

Client Sample ID: CF-0192-00.3-NA-P
Lab Sample ID: 880-26816-4
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 00:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 00:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 00:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 00:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 00:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/06/23 15:29*	*04/11/23 00:49*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 15:29*	*04/11/23 00:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 15:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 15:37	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/06/23 15:44*	*04/08/23 15:37*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/06/23 15:44*	*04/08/23 15:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.9**		5.01		mg/Kg			04/10/23 19:11	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-193-00.3-NA-P
Lab Sample ID: 880-26816-5
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:29	04/11/23 01:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:29	04/11/23 01:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:29	04/11/23 01:09	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		04/06/23 15:29	04/11/23 01:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:29	04/11/23 01:09	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/06/23 15:29	04/11/23 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 15:29*	*04/11/23 01:09*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 15:29*	*04/11/23 01:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**62.4**		50.0		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**62.4**		50.0		mg/Kg		04/06/23 15:44	04/08/23 16:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 16:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*04/06/23 15:44*	*04/08/23 16:29*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/06/23 15:44*	*04/08/23 16:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.4**		5.02		mg/Kg			04/10/23 19:16	1

Client Sample ID: CF-194-00.3-NA-P
Lab Sample ID: 880-26816-6
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 01:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 01:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 01:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 01:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 01:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 15:29*	*04/11/23 01:30*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 15:29*	*04/11/23 01:30*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-194-00.3-NA-P
Lab Sample ID: 880-26816-6
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**58.0**		49.8		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**58.0**		49.8		mg/Kg		04/06/23 15:44	04/08/23 16:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/06/23 15:44	04/08/23 16:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/06/23 15:44	04/08/23 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*04/06/23 15:44*	*04/08/23 16:51*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/06/23 15:44*	*04/08/23 16:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.6**		4.98		mg/Kg			04/10/23 19:31	1

Client Sample ID: CF-195-00.3-NA-P
Lab Sample ID: 880-26816-7
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 01:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 01:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 01:50	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 15:29	04/11/23 01:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 01:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 15:29	04/11/23 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/06/23 15:29*	*04/11/23 01:50*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 15:29*	*04/11/23 01:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**51.0**		49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**51.0**		49.9		mg/Kg		04/06/23 15:44	04/08/23 17:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:44	04/08/23 17:12	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-195-00.3-NA-P — Lab Sample ID: 880-26816-7

Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:44	04/08/23 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*04/06/23 15:44*	*04/08/23 17:12*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/06/23 15:44*	*04/08/23 17:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.7**		5.04		mg/Kg			04/10/23 19:35	1

Client Sample ID: CF-196-00.3-NA-P — Lab Sample ID: 880-26816-8

Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:29	04/11/23 02:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:29	04/11/23 02:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:29	04/11/23 02:10	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 15:29	04/11/23 02:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:29	04/11/23 02:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 15:29	04/11/23 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 15:29*	*04/11/23 02:10*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/06/23 15:29*	*04/11/23 02:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 15:44	04/08/23 17:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:44	04/08/23 17:34	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:44	04/08/23 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/06/23 15:44*	*04/08/23 17:34*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/06/23 15:44*	*04/08/23 17:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.6**		4.99		mg/Kg			04/10/23 19:40	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-197-00.3-NA-P
Lab Sample ID: 880-26816-9
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:29	04/11/23 02:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:29	04/11/23 02:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:29	04/11/23 02:31	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/06/23 15:29	04/11/23 02:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:29	04/11/23 02:31	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/06/23 15:29	04/11/23 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/06/23 15:29*	*04/11/23 02:31*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/06/23 15:29*	*04/11/23 02:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 15:44	04/08/23 17:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:44	04/08/23 17:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:44	04/08/23 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*04/06/23 15:44*	*04/08/23 17:55*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/06/23 15:44*	*04/08/23 17:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.1**		4.96		mg/Kg			04/10/23 19:45	1

Client Sample ID: CF-198-00.3-NA-P
Lab Sample ID: 880-26816-10
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 02:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 02:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 02:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 02:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 02:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 15:29*	*04/11/23 02:51*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 15:29*	*04/11/23 02:51*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-198-00.3-NA-P
Lab Sample ID: 880-26816-10
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 18:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 18:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*04/06/23 15:44*	*04/08/23 18:17*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/06/23 15:44*	*04/08/23 18:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.7**		5.05		mg/Kg			04/10/23 19:50	1

Client Sample ID: CF-199-00.3-NA-P
Lab Sample ID: 880-26816-11
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 04:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 04:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 04:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 04:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 04:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 04:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/06/23 15:29*	*04/11/23 04:41*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 15:29*	*04/11/23 04:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**51.0**		49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**51.0**		49.9		mg/Kg		04/06/23 15:44	04/08/23 18:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:44	04/08/23 18:38	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-199-00.3-NA-P
Lab Sample ID: 880-26816-11
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:44	04/08/23 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*04/06/23 15:44*	*04/08/23 18:38*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/06/23 15:44*	*04/08/23 18:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.4**		5.02		mg/Kg			04/10/23 19:55	1

Client Sample ID: CF-200-00.3-NA-P
Lab Sample ID: 880-26816-12
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 05:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 05:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 05:02	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:29	04/11/23 05:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 05:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:29	04/11/23 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 15:29*	*04/11/23 05:02*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 15:29*	*04/11/23 05:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**59.1**		50.0		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**59.1**		50.0		mg/Kg		04/06/23 15:44	04/08/23 18:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 18:59	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*04/06/23 15:44*	*04/08/23 18:59*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/06/23 15:44*	*04/08/23 18:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.9**		4.98		mg/Kg			04/10/23 20:09	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-201-00.3-NA-P
Lab Sample ID: 880-26816-13
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:29	04/11/23 05:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:29	04/11/23 05:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:29	04/11/23 05:22	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 15:29	04/11/23 05:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:29	04/11/23 05:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 15:29	04/11/23 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 15:29*	*04/11/23 05:22*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 15:29*	*04/11/23 05:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/06/23 15:44	04/08/23 19:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/06/23 15:44	04/08/23 19:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/06/23 15:44	04/08/23 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/06/23 15:44*	*04/08/23 19:21*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/06/23 15:44*	*04/08/23 19:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.5**		4.97		mg/Kg			04/10/23 20:14	1

Client Sample ID: CF-202-00.3-NA-P
Lab Sample ID: 880-26816-14
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 05:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 05:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 05:43	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 15:29	04/11/23 05:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 05:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 15:29	04/11/23 05:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 15:29*	*04/11/23 05:43*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 15:29*	*04/11/23 05:43*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-202-00.3-NA-P
Lab Sample ID: 880-26816-14
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 19:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 19:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*144*	*S1+*	*70 - 130*	*04/06/23 15:44*	*04/08/23 19:43*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*04/06/23 15:44*	*04/08/23 19:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.1**		5.01		mg/Kg			04/10/23 20:29	1

Client Sample ID: CF-203-00.3-NA-P
Lab Sample ID: 880-26816-15
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 06:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 06:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 06:03	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 06:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 06:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 06:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/06/23 15:29*	*04/11/23 06:03*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 15:29*	*04/11/23 06:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/08/23 21:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/08/23 21:31	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-203-00.3-NA-P
Lab Sample ID: 880-26816-15
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/08/23 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*04/06/23 15:49*	*04/08/23 21:31*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/06/23 15:49*	*04/08/23 21:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.4**		5.00		mg/Kg			04/10/23 20:33	1

Client Sample ID: CF-204-00.3-NA-P
Lab Sample ID: 880-26816-16
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 06:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 06:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 06:23	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:29	04/11/23 06:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 06:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:29	04/11/23 06:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/06/23 15:29*	*04/11/23 06:23*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 15:29*	*04/11/23 06:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/08/23 22:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/08/23 22:36	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/08/23 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/06/23 15:49*	*04/08/23 22:36*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/06/23 15:49*	*04/08/23 22:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.4**		5.00		mg/Kg			04/10/23 20:38	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-205-00.3-NA-P
Lab Sample ID: 880-26816-17
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 06:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 06:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 06:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 06:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:29	04/11/23 06:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:29	04/11/23 06:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/06/23 15:29*	*04/11/23 06:44*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/06/23 15:29*	*04/11/23 06:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/08/23 22:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/08/23 22:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/08/23 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/06/23 15:49*	*04/08/23 22:57*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/06/23 15:49*	*04/08/23 22:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.0**		4.99		mg/Kg			04/10/23 20:43	1

Client Sample ID: CF-206-00.3-NA-P
Lab Sample ID: 880-26816-18
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 07:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 07:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 07:04	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:29	04/11/23 07:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 07:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:29	04/11/23 07:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 15:29*	*04/11/23 07:04*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/06/23 15:29*	*04/11/23 07:04*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-206-00.3-NA-P
Lab Sample ID: 880-26816-18
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/08/23 23:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/08/23 23:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/08/23 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/06/23 15:49*	*04/08/23 23:19*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/06/23 15:49*	*04/08/23 23:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30.3**		5.02		mg/Kg			04/10/23 20:48	1

Client Sample ID: CF-207-00.3-NA-P
Lab Sample ID: 880-26816-19
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 07:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 07:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 07:25	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 15:29	04/11/23 07:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 07:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 15:29	04/11/23 07:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/06/23 15:29*	*04/11/23 07:25*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/06/23 15:29*	*04/11/23 07:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/06/23 15:49	04/08/23 23:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/06/23 15:49	04/08/23 23:41	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-207-00.3-NA-P
Lab Sample ID: 880-26816-19
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/06/23 15:49	04/08/23 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/06/23 15:49*	*04/08/23 23:41*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/06/23 15:49*	*04/08/23 23:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.5**		5.03		mg/Kg			04/10/23 20:53	1

Client Sample ID: CF-208-00.3-NA-P
Lab Sample ID: 880-26816-20
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 07:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 07:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 07:45	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:29	04/11/23 07:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/11/23 07:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:29	04/11/23 07:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 15:29*	*04/11/23 07:45*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 15:29*	*04/11/23 07:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/11/23 10:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/06/23 15:49	04/09/23 00:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/06/23 15:49	04/09/23 00:02	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/06/23 15:49	04/09/23 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/06/23 15:49*	*04/09/23 00:02*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/06/23 15:49*	*04/09/23 00:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.2**		4.98		mg/Kg			04/10/23 20:57	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-209-00.3-NA-P
Lab Sample ID: 880-26816-21
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:32	04/11/23 18:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:32	04/11/23 18:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:32	04/11/23 18:35	1
m,p-Xylenes	<0.00396	U F1	0.00396		mg/Kg		04/06/23 15:32	04/11/23 18:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:32	04/11/23 18:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 15:32	04/11/23 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/06/23 15:32*	*04/11/23 18:35*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 15:32*	*04/11/23 18:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 00:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 00:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/06/23 15:49*	*04/09/23 00:23*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/06/23 15:49*	*04/09/23 00:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.2**	**F1**	4.98		mg/Kg			04/11/23 11:42	1

Client Sample ID: CF-210-00.3-NA-P
Lab Sample ID: 880-26816-22
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 18:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 18:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 18:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/11/23 18:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 18:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/11/23 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/06/23 15:32*	*04/11/23 18:55*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 15:32*	*04/11/23 18:55*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-210-00.3-NA-P
Lab Sample ID: 880-26816-22
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 00:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 00:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/06/23 15:49*	*04/09/23 00:45*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/06/23 15:49*	*04/09/23 00:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.7**		4.95		mg/Kg			04/11/23 11:55	1

Client Sample ID: CF-211-00.3-NA-P
Lab Sample ID: 880-26816-23
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 19:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 19:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 19:16	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:32	04/11/23 19:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 19:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:32	04/11/23 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/06/23 15:32*	*04/11/23 19:16*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 15:32*	*04/11/23 19:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 01:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 01:06	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-211-00.3-NA-P
Lab Sample ID: 880-26816-23
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/06/23 15:49*	*04/09/23 01:06*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/06/23 15:49*	*04/09/23 01:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.7**		5.01		mg/Kg			04/11/23 12:00	1

Client Sample ID: CF-212-00.3-NA-P
Lab Sample ID: 880-26816-24
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:32	04/11/23 19:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:32	04/11/23 19:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:32	04/11/23 19:36	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/06/23 15:32	04/11/23 19:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:32	04/11/23 19:36	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/06/23 15:32	04/11/23 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/06/23 15:32*	*04/11/23 19:36*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 15:32*	*04/11/23 19:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 01:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 01:28	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/06/23 15:49*	*04/09/23 01:28*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/06/23 15:49*	*04/09/23 01:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.4**		4.97		mg/Kg			04/11/23 12:05	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-213-00.3-NA-P
Lab Sample ID: 880-26816-25
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 19:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 19:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 19:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/11/23 19:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 19:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/11/23 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/06/23 15:32*	*04/11/23 19:56*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 15:32*	*04/11/23 19:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 02:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 02:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/06/23 15:49*	*04/09/23 02:11*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/06/23 15:49*	*04/09/23 02:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.4**		5.05		mg/Kg			04/11/23 12:09	1

Client Sample ID: CF-214-00.3-NA-P
Lab Sample ID: 880-26816-26
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 20:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 20:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 20:17	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 15:32	04/11/23 20:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 20:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 15:32	04/11/23 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/06/23 15:32*	*04/11/23 20:17*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 15:32*	*04/11/23 20:17*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-214-00.3-NA-P
Lab Sample ID: 880-26816-26
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/06/23 15:49	04/09/23 02:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/06/23 15:49	04/09/23 02:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/06/23 15:49	04/09/23 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/06/23 15:49*	*04/09/23 02:32*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/06/23 15:49*	*04/09/23 02:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.4**		5.02		mg/Kg			04/11/23 12:23	1

Client Sample ID: CF-215-00.3-NA-P
Lab Sample ID: 880-26816-27
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 20:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 20:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 20:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/11/23 20:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 20:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/11/23 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 15:32*	*04/11/23 20:37*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/06/23 15:32*	*04/11/23 20:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 02:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 02:53	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-215-00.3-NA-P
Lab Sample ID: 880-26816-27
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*04/06/23 15:49*	*04/09/23 02:53*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/06/23 15:49*	*04/09/23 02:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.4**		4.99		mg/Kg			04/11/23 12:27	1

Client Sample ID: CF-216-00.3-NA-P
Lab Sample ID: 880-26816-28
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 20:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 20:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 20:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/11/23 20:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 20:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/11/23 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 15:32*	*04/11/23 20:58*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 15:32*	*04/11/23 20:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 03:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 03:14	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 03:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/06/23 15:49*	*04/09/23 03:14*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/06/23 15:49*	*04/09/23 03:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.6**		4.99		mg/Kg			04/11/23 12:32	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-217-00.3-NA-P
Lab Sample ID: 880-26816-29
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 21:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 21:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 21:18	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:32	04/11/23 21:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 21:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:32	04/11/23 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 15:32*	*04/11/23 21:18*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/06/23 15:32*	*04/11/23 21:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 03:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 03:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*128*		*70 - 130*	*04/06/23 15:49*	*04/09/23 03:36*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/06/23 15:49*	*04/09/23 03:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.5**		5.00		mg/Kg			04/11/23 12:37	1

Client Sample ID: CF-218-00.3-NA-P
Lab Sample ID: 880-26816-30
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:32	04/11/23 21:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:32	04/11/23 21:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:32	04/11/23 21:38	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 15:32	04/11/23 21:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:32	04/11/23 21:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 15:32	04/11/23 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 15:32*	*04/11/23 21:38*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 15:32*	*04/11/23 21:38*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-218-00.3-NA-P
Lab Sample ID: 880-26816-30
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/06/23 15:49	04/09/23 03:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/06/23 15:49	04/09/23 03:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/06/23 15:49	04/09/23 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*04/06/23 15:49*	*04/09/23 03:57*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/06/23 15:49*	*04/09/23 03:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.9**		5.02		mg/Kg			04/11/23 12:41	1

Client Sample ID: CF-219-00.3-NA-P
Lab Sample ID: 880-26816-31
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 23:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 23:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 23:29	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 15:32	04/11/23 23:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 23:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 15:32	04/11/23 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 15:32*	*04/11/23 23:29*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 15:32*	*04/11/23 23:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 04:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 04:18	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-219-00.3-NA-P
Lab Sample ID: 880-26816-31
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/06/23 15:49*	*04/09/23 04:18*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/06/23 15:49*	*04/09/23 04:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.3**		5.04		mg/Kg			04/11/23 12:46	1

Client Sample ID: CF-220-00.3-NA-P
Lab Sample ID: 880-26816-32
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 23:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 23:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 23:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/11/23 23:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/11/23 23:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/11/23 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/06/23 15:32*	*04/11/23 23:49*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/06/23 15:32*	*04/11/23 23:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 04:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 04:40	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 15:49	04/09/23 04:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/06/23 15:49*	*04/09/23 04:40*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/06/23 15:49*	*04/09/23 04:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**51.5**		4.97		mg/Kg			04/11/23 12:59	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-221-00.3-NA-P
Lab Sample ID: 880-26816-33
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/12/23 00:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/12/23 00:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/12/23 00:09	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/12/23 00:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/12/23 00:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/12/23 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/06/23 15:32*	*04/12/23 00:09*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 15:32*	*04/12/23 00:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 05:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 05:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 05:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*04/06/23 15:49*	*04/09/23 05:01*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/06/23 15:49*	*04/09/23 05:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.3**		4.98		mg/Kg			04/11/23 13:04	1

Client Sample ID: CF-222-00.3-NA-P
Lab Sample ID: 880-26816-34
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 00:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 00:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 00:30	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:32	04/12/23 00:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 00:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:32	04/12/23 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 15:32*	*04/12/23 00:30*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/06/23 15:32*	*04/12/23 00:30*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-222-00.3-NA-P
Lab Sample ID: 880-26816-34
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 05:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 05:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/09/23 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/06/23 15:49*	*04/09/23 05:23*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/06/23 15:49*	*04/09/23 05:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.8**		4.98		mg/Kg			04/11/23 13:18	1

Client Sample ID: CF-223-00.3-NA-P
Lab Sample ID: 880-26816-35
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:32	04/12/23 00:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:32	04/12/23 00:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:32	04/12/23 00:50	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 15:32	04/12/23 00:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:32	04/12/23 00:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 15:32	04/12/23 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/06/23 15:32*	*04/12/23 00:50*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/06/23 15:32*	*04/12/23 00:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/06/23 17:46	04/07/23 18:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/23 17:46	04/07/23 18:48	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-223-00.3-NA-P
Lab Sample ID: 880-26816-35
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/23 17:46	04/07/23 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/06/23 17:46*	*04/07/23 18:48*	*1*
o-Terphenyl (Surr)	*68*	*S1-*	*70 - 130*	*04/06/23 17:46*	*04/07/23 18:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49.9**		5.04		mg/Kg			04/11/23 13:22	1

Client Sample ID: CF-224-00.3-NA-P
Lab Sample ID: 880-26816-36
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 01:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 01:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 01:11	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 15:32	04/12/23 01:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 01:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 15:32	04/12/23 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/06/23 15:32*	*04/12/23 01:11*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 15:32*	*04/12/23 01:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 11:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 11:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*128*		*70 - 130*	*04/07/23 11:10*	*04/09/23 11:13*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/07/23 11:10*	*04/09/23 11:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.7**		5.02		mg/Kg			04/11/23 13:27	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-225-00.3-NA-P
Lab Sample ID: 880-26816-37
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/12/23 01:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/12/23 01:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/12/23 01:31	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/12/23 01:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/12/23 01:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/12/23 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/06/23 15:32*	*04/12/23 01:31*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/06/23 15:32*	*04/12/23 01:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 12:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 12:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/07/23 11:10*	*04/09/23 12:19*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/07/23 11:10*	*04/09/23 12:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.0**		5.03		mg/Kg			04/11/23 13:32	1

Client Sample ID: CF-226-00.3-NA-P
Lab Sample ID: 880-26816-38
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/12/23 01:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/12/23 01:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/12/23 01:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/12/23 01:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:32	04/12/23 01:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:32	04/12/23 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/06/23 15:32*	*04/12/23 01:52*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/06/23 15:32*	*04/12/23 01:52*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-226-00.3-NA-P
Lab Sample ID: 880-26816-38
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 12:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 12:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/07/23 11:10*	*04/09/23 12:41*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/07/23 11:10*	*04/09/23 12:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.2**		5.03		mg/Kg			04/11/23 13:36	1

Client Sample ID: CF-227-00.3-NA-P
Lab Sample ID: 880-26816-39
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 02:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 02:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 02:12	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:32	04/12/23 02:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 02:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:32	04/12/23 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 15:32*	*04/12/23 02:12*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/06/23 15:32*	*04/12/23 02:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 11:10	04/09/23 13:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 11:10	04/09/23 13:03	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-227-00.3-NA-P
Lab Sample ID: 880-26816-39
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 11:10	04/09/23 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*04/07/23 11:10*	*04/09/23 13:03*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*04/07/23 11:10*	*04/09/23 13:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.5**		5.01		mg/Kg			04/11/23 13:41	1

Client Sample ID: CF-228-00.3-NA-P
Lab Sample ID: 880-26816-40
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 02:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 02:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 02:32	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 15:32	04/12/23 02:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/12/23 02:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 15:32	04/12/23 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/06/23 15:32*	*04/12/23 02:32*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/06/23 15:32*	*04/12/23 02:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/12/23 09:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 13:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 13:25	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/07/23 11:10*	*04/09/23 13:25*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*04/07/23 11:10*	*04/09/23 13:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.0**		4.96		mg/Kg			04/11/23 13:45	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-229-00.3-NA-P
Lab Sample ID: 880-26816-41
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:33	04/11/23 01:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:33	04/11/23 01:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:33	04/11/23 01:47	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/06/23 15:33	04/11/23 01:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:33	04/11/23 01:47	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/06/23 15:33	04/11/23 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/06/23 15:33*	*04/11/23 01:47*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/06/23 15:33*	*04/11/23 01:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/11/23 10:37	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 13:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 13:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*04/07/23 11:10*	*04/09/23 13:47*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/07/23 11:10*	*04/09/23 13:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.6**		5.03		mg/Kg			04/11/23 21:52	1

Client Sample ID: CF-230-00.3-NA-P
Lab Sample ID: 880-26816-42
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 02:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 02:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 02:14	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 02:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 02:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*04/06/23 15:33*	*04/11/23 02:14*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 15:33*	*04/11/23 02:14*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-230-00.3-NA-P
Lab Sample ID: 880-26816-42
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/23 10:37	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 11:10	04/09/23 14:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 11:10	04/09/23 14:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 11:10	04/09/23 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/07/23 11:10*	*04/09/23 14:09*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*04/07/23 11:10*	*04/09/23 14:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.5**		4.99		mg/Kg			04/11/23 22:07	1

Client Sample ID: CF-231-00.3-NA-P
Lab Sample ID: 880-26816-43
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:33	04/11/23 02:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:33	04/11/23 02:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:33	04/11/23 02:40	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 15:33	04/11/23 02:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:33	04/11/23 02:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 15:33	04/11/23 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 02:40*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/06/23 15:33*	*04/11/23 02:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/11/23 10:37	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 14:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 14:31	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-231-00.3-NA-P
Lab Sample ID: 880-26816-43
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*04/07/23 11:10*	*04/09/23 14:31*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/07/23 11:10*	*04/09/23 14:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.3**		5.02		mg/Kg			04/11/23 22:11	1

Client Sample ID: CF-232-00.3-NA-P
Lab Sample ID: 880-26816-44
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 03:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 03:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 03:07	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:33	04/11/23 03:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 03:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:33	04/11/23 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 03:07*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/06/23 15:33*	*04/11/23 03:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/11/23 10:37	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 14:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 14:53	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*04/07/23 11:10*	*04/09/23 14:53*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/07/23 11:10*	*04/09/23 14:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.4**		5.04		mg/Kg			04/11/23 22:16	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-233-00.3-NA-P
Lab Sample ID: 880-26816-45
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:33	04/11/23 03:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:33	04/11/23 03:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:33	04/11/23 03:34	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 15:33	04/11/23 03:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:33	04/11/23 03:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 15:33	04/11/23 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*04/06/23 15:33*	*04/11/23 03:34*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 15:33*	*04/11/23 03:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/11/23 10:37	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 15:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 15:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/07/23 11:10*	*04/09/23 15:14*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*04/07/23 11:10*	*04/09/23 15:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.1**		4.97		mg/Kg			04/11/23 22:21	1

Client Sample ID: CF-234-00.3-NA-P
Lab Sample ID: 880-26816-46
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:33	04/11/23 04:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:33	04/11/23 04:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:33	04/11/23 04:00	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/06/23 15:33	04/11/23 04:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:33	04/11/23 04:00	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/06/23 15:33	04/11/23 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*04/06/23 15:33*	*04/11/23 04:00*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 15:33*	*04/11/23 04:00*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-234-00.3-NA-P
Lab Sample ID: 880-26816-46
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/11/23 10:37	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 15:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 15:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/07/23 11:10*	*04/09/23 15:58*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*04/07/23 11:10*	*04/09/23 15:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.3**		4.96		mg/Kg			04/11/23 22:36	1

Client Sample ID: CF-235-00.3-NA-P
Lab Sample ID: 880-26816-47
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 04:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 04:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 04:27	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 04:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 04:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*04/06/23 15:33*	*04/11/23 04:27*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/06/23 15:33*	*04/11/23 04:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/23 10:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 16:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 16:20	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-235-00.3-NA-P — Lab Sample ID: 880-26816-47

Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*04/07/23 11:10*	*04/09/23 16:20*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/07/23 11:10*	*04/09/23 16:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.1**		5.01		mg/Kg			04/11/23 22:40	1

Client Sample ID: CF-236-00.3-NA-P — Lab Sample ID: 880-26816-48

Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 04:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 04:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 04:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 04:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 04:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 04:54*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/06/23 15:33*	*04/11/23 04:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/23 10:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 11:10	04/09/23 16:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 11:10	04/09/23 16:42	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 11:10	04/09/23 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/07/23 11:10*	*04/09/23 16:42*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/07/23 11:10*	*04/09/23 16:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.6**		5.03		mg/Kg			04/11/23 22:45	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-237-00.3-NA-P
Lab Sample ID: 880-26816-49
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 05:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 05:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 05:20	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:33	04/11/23 05:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 05:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:33	04/11/23 05:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 05:20*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/06/23 15:33*	*04/11/23 05:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/11/23 10:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 17:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 17:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/07/23 11:10*	*04/09/23 17:04*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/07/23 11:10*	*04/09/23 17:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.9**		4.97		mg/Kg			04/11/23 22:50	1

Client Sample ID: CF-238-00.3-NA-P
Lab Sample ID: 880-26816-50
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:33	04/11/23 05:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:33	04/11/23 05:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:33	04/11/23 05:47	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 15:33	04/11/23 05:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:33	04/11/23 05:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 15:33	04/11/23 05:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 05:47*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/06/23 15:33*	*04/11/23 05:47*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-238-00.3-NA-P
Lab Sample ID: 880-26816-50
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/11/23 10:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 17:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 17:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/07/23 11:10*	*04/09/23 17:26*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/07/23 11:10*	*04/09/23 17:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.0**		5.02		mg/Kg			04/11/23 22:55	1

Client Sample ID: CF-239-00.3-NA-P
Lab Sample ID: 880-26816-51
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 07:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 07:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 07:35	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 15:33	04/11/23 07:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 07:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 15:33	04/11/23 07:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 07:35*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 15:33*	*04/11/23 07:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/23 10:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 17:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 17:48	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-239-00.3-NA-P
Lab Sample ID: 880-26816-51
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/07/23 11:10*	*04/09/23 17:48*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/07/23 11:10*	*04/09/23 17:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.5**		5.05		mg/Kg			04/11/23 23:00	1

Client Sample ID: CF-240-00.3-NA-P
Lab Sample ID: 880-26816-52
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 08:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 08:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 08:03	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 08:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 08:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 08:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 08:03*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/06/23 15:33*	*04/11/23 08:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/23 10:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 18:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 18:09	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/07/23 11:10*	*04/09/23 18:09*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*04/07/23 11:10*	*04/09/23 18:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.8**		4.96		mg/Kg			04/11/23 23:14	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-241-00.3-NA-P
Lab Sample ID: 880-26816-53
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 08:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 08:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 08:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 08:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 08:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 08:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 08:49*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*04/06/23 15:33*	*04/11/23 08:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/23 10:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 18:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 18:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/07/23 11:10*	*04/09/23 18:31*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/07/23 11:10*	*04/09/23 18:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.8**		4.95		mg/Kg			04/11/23 23:19	1

Client Sample ID: CF-242-00.3-NA-P
Lab Sample ID: 880-26816-54
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 09:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 09:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 09:16	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:33	04/11/23 09:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 09:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:33	04/11/23 09:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 09:16*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/06/23 15:33*	*04/11/23 09:16*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-242-00.3-NA-P
Lab Sample ID: 880-26816-54
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/11/23 10:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 18:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 18:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/07/23 11:10*	*04/09/23 18:53*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/07/23 11:10*	*04/09/23 18:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.2**		4.99		mg/Kg			04/11/23 23:34	1

Client Sample ID: CF-243-00.3-NA-P
Lab Sample ID: 880-26816-55
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:33	04/11/23 09:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:33	04/11/23 09:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:33	04/11/23 09:43	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 15:33	04/11/23 09:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:33	04/11/23 09:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 15:33	04/11/23 09:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 09:43*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/06/23 15:33*	*04/11/23 09:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/11/23 10:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 19:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 19:15	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-243-00.3-NA-P
Lab Sample ID: 880-26816-55
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:10	04/09/23 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/07/23 11:10*	*04/09/23 19:15*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/07/23 11:10*	*04/09/23 19:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.2**		5.00		mg/Kg			04/11/23 23:38	1

Client Sample ID: CF-244-00.3-NA-P
Lab Sample ID: 880-26816-56
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 10:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 10:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 10:10	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 15:33	04/11/23 10:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 10:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 15:33	04/11/23 10:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 10:10*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/06/23 15:33*	*04/11/23 10:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/23 10:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 11:18	04/09/23 21:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 11:18	04/09/23 21:05	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 11:18	04/09/23 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*130*		*70 - 130*	*04/07/23 11:18*	*04/09/23 21:05*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/07/23 11:18*	*04/09/23 21:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.0**		5.02		mg/Kg			04/11/23 23:43	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-245-00.3-NA-P
Lab Sample ID: 880-26816-57
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:33	04/11/23 10:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:33	04/11/23 10:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:33	04/11/23 10:37	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 15:33	04/11/23 10:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:33	04/11/23 10:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 15:33	04/11/23 10:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*04/06/23 15:33*	*04/11/23 10:37*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/06/23 15:33*	*04/11/23 10:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/23 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/09/23 22:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/09/23 22:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/09/23 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/07/23 11:18*	*04/09/23 22:11*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/07/23 11:18*	*04/09/23 22:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		5.01		mg/Kg			04/11/23 23:48	1

Client Sample ID: CF-246-00.3-NA-P
Lab Sample ID: 880-26816-58
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 11:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 11:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 11:04	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 11:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 11:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 11:04*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/06/23 15:33*	*04/11/23 11:04*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-246-00.3-NA-P
Lab Sample ID: 880-26816-58
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/09/23 22:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/09/23 22:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/09/23 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/07/23 11:18*	*04/09/23 22:33*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/07/23 11:18*	*04/09/23 22:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.7**		5.03		mg/Kg			04/11/23 23:53	1

Client Sample ID: CF-247-00.3-NA-P
Lab Sample ID: 880-26816-59
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 11:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 11:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 11:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 11:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:33	04/11/23 11:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:33	04/11/23 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 11:30*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/06/23 15:33*	*04/11/23 11:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/09/23 22:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/09/23 22:55	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-247-00.3-NA-P
Lab Sample ID: 880-26816-59
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/09/23 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/07/23 11:18*	*04/09/23 22:55*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/07/23 11:18*	*04/09/23 22:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.5**		4.98		mg/Kg			04/11/23 23:58	1

Client Sample ID: CF-248-00.3-NA-P
Lab Sample ID: 880-26816-60
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 11:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 11:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 11:57	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:33	04/11/23 11:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 11:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:33	04/11/23 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*04/06/23 15:33*	*04/11/23 11:57*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/06/23 15:33*	*04/11/23 11:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/23 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/09/23 23:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/09/23 23:17	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/09/23 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/07/23 11:18*	*04/09/23 23:17*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*04/07/23 11:18*	*04/09/23 23:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49.2**		4.97		mg/Kg			04/12/23 00:03	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-249-00.3-NA-P
Lab Sample ID: 880-26816-61
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:43	04/11/23 16:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:43	04/11/23 16:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:43	04/11/23 16:13	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/06/23 15:43	04/11/23 16:13	1
o-Xylene	<0.00198	U F2 F1	0.00198		mg/Kg		04/06/23 15:43	04/11/23 16:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/06/23 15:43	04/11/23 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*04/06/23 15:43*	*04/11/23 16:13*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/06/23 15:43*	*04/11/23 16:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 11:18	04/09/23 23:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 11:18	04/09/23 23:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 11:18	04/09/23 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/07/23 11:18*	*04/09/23 23:39*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/07/23 11:18*	*04/09/23 23:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.1**		5.05		mg/Kg			04/10/23 22:04	1

Client Sample ID: CF-250-00.3-NA-P
Lab Sample ID: 880-26816-62
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 16:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 16:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 16:40	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 15:43	04/11/23 16:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 16:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 15:43	04/11/23 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*04/06/23 15:43*	*04/11/23 16:40*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/06/23 15:43*	*04/11/23 16:40*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-250-00.3-NA-P
Lab Sample ID: 880-26816-62
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 00:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 00:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*121*		*70 - 130*	*04/07/23 11:18*	*04/10/23 00:00*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/07/23 11:18*	*04/10/23 00:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.3**		4.99		mg/Kg			04/10/23 22:18	1

Client Sample ID: CF-251-00.3-NA-P
Lab Sample ID: 880-26816-63
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 17:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 17:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 17:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/11/23 17:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 17:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/11/23 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*04/06/23 15:43*	*04/11/23 17:07*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 15:43*	*04/11/23 17:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 00:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 00:21	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-251-00.3-NA-P
Lab Sample ID: 880-26816-63
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*04/07/23 11:18*	*04/10/23 00:21*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/07/23 11:18*	*04/10/23 00:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.7**		4.97		mg/Kg			04/10/23 22:22	1

Client Sample ID: CF-252-00.3-NA-P
Lab Sample ID: 880-26816-64
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 17:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 17:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 17:34	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/11/23 17:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 17:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/11/23 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*148*	*S1+*	*70 - 130*	*04/06/23 15:43*	*04/11/23 17:34*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/06/23 15:43*	*04/11/23 17:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 00:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 00:42	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*04/07/23 11:18*	*04/10/23 00:42*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/07/23 11:18*	*04/10/23 00:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.4**		4.98		mg/Kg			04/10/23 22:27	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-253-00.3-NA-P
Lab Sample ID: 880-26816-65
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/11/23 18:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/11/23 18:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/11/23 18:00	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 15:43	04/11/23 18:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/11/23 18:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 15:43	04/11/23 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*04/06/23 15:43*	*04/11/23 18:00*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/06/23 15:43*	*04/11/23 18:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 01:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 01:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*04/07/23 11:18*	*04/10/23 01:04*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/07/23 11:18*	*04/10/23 01:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.5**		5.01		mg/Kg			04/10/23 22:31	1

Client Sample ID: CF-254-00.3-NA-P
Lab Sample ID: 880-26816-66
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:43	04/11/23 18:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:43	04/11/23 18:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:43	04/11/23 18:26	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/06/23 15:43	04/11/23 18:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:43	04/11/23 18:26	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/06/23 15:43	04/11/23 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*04/06/23 15:43*	*04/11/23 18:26*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 15:43*	*04/11/23 18:26*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-254-00.3-NA-P
Lab Sample ID: 880-26816-66
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 11:18	04/10/23 01:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 11:18	04/10/23 01:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 11:18	04/10/23 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*04/07/23 11:18*	*04/10/23 01:47*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/07/23 11:18*	*04/10/23 01:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.0**		5.03		mg/Kg			04/11/23 09:25	1

Client Sample ID: CF-255-00.3-NA-P
Lab Sample ID: 880-26816-67
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 18:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 18:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 18:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/11/23 18:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 18:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/11/23 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/06/23 15:43*	*04/11/23 18:52*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/06/23 15:43*	*04/11/23 18:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 02:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 02:08	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-255-00.3-NA-P
Lab Sample ID: 880-26816-67
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/07/23 11:18*	*04/10/23 02:08*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/07/23 11:18*	*04/10/23 02:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.1**		5.04		mg/Kg			04/11/23 09:29	1

Client Sample ID: CF-256-00.3-NA-P
Lab Sample ID: 880-26816-68
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:43	04/11/23 19:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:43	04/11/23 19:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:43	04/11/23 19:18	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		04/06/23 15:43	04/11/23 19:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/06/23 15:43	04/11/23 19:18	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/06/23 15:43	04/11/23 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*04/06/23 15:43*	*04/11/23 19:18*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 15:43*	*04/11/23 19:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 02:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 02:30	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/07/23 11:18*	*04/10/23 02:30*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/07/23 11:18*	*04/10/23 02:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.4**		4.99		mg/Kg			04/11/23 09:34	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-257-00.3-NA-P
Lab Sample ID: 880-26816-69
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 19:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 19:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 19:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/11/23 19:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 19:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/11/23 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*04/06/23 15:43*	*04/11/23 19:44*	*1*
1,4-Difluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*04/06/23 15:43*	*04/11/23 19:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 02:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 02:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/07/23 11:18*	*04/10/23 02:51*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/07/23 11:18*	*04/10/23 02:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.2**		5.00		mg/Kg			04/11/23 09:38	1

Client Sample ID: CF-258-00.3-NA-P
Lab Sample ID: 880-26816-70
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/11/23 20:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/11/23 20:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/11/23 20:10	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 15:43	04/11/23 20:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/11/23 20:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 15:43	04/11/23 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*04/06/23 15:43*	*04/11/23 20:10*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/06/23 15:43*	*04/11/23 20:10*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-258-00.3-NA-P
Lab Sample ID: 880-26816-70
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 03:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 03:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/07/23 11:18*	*04/10/23 03:12*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/07/23 11:18*	*04/10/23 03:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.5**		5.00		mg/Kg			04/11/23 09:43	1

Client Sample ID: CF-259-00.3-NA-P
Lab Sample ID: 880-26816-71
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 21:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 21:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 21:55	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/06/23 15:43	04/11/23 21:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 21:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/06/23 15:43	04/11/23 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*04/06/23 15:43*	*04/11/23 21:55*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*04/06/23 15:43*	*04/11/23 21:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 03:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 03:34	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-259-00.3-NA-P
Lab Sample ID: 880-26816-71
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/07/23 11:18*	*04/10/23 03:34*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/07/23 11:18*	*04/10/23 03:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.0**		5.02		mg/Kg			04/11/23 09:47	1

Client Sample ID: CF-260-00.3-NA-P
Lab Sample ID: 880-26816-72
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 22:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 22:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 22:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/11/23 22:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 22:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/11/23 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*04/06/23 15:43*	*04/11/23 22:21*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/06/23 15:43*	*04/11/23 22:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 11:18	04/10/23 03:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 11:18	04/10/23 03:55	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 11:18	04/10/23 03:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/07/23 11:18*	*04/10/23 03:55*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/07/23 11:18*	*04/10/23 03:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.3**		4.99		mg/Kg			04/11/23 10:19	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-261-00.3-NA-P
Lab Sample ID: 880-26816-73
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 22:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 22:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 22:47	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/11/23 22:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/11/23 22:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/11/23 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/06/23 15:43*	*04/11/23 22:47*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*04/06/23 15:43*	*04/11/23 22:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 04:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 04:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/07/23 11:18*	*04/10/23 04:16*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/07/23 11:18*	*04/10/23 04:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.3**		4.96		mg/Kg			04/11/23 10:24	1

Client Sample ID: CF-008-04.0-NA-P
Lab Sample ID: 880-26816-74
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 23:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 23:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 23:13	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/06/23 15:43	04/11/23 23:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 23:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/23 15:43	04/11/23 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*04/06/23 15:43*	*04/11/23 23:13*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 15:43*	*04/11/23 23:13*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-008-04.0-NA-P
Lab Sample ID: 880-26816-74
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 04:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 04:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/10/23 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/07/23 11:18*	*04/10/23 04:38*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/07/23 11:18*	*04/10/23 04:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.2**		4.95		mg/Kg			04/11/23 10:38	1

Client Sample ID: CF-064-00.3-NA-P
Lab Sample ID: 880-26816-75
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:43	04/11/23 23:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:43	04/11/23 23:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:43	04/11/23 23:39	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/06/23 15:43	04/11/23 23:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/06/23 15:43	04/11/23 23:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/06/23 15:43	04/11/23 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*04/06/23 15:43*	*04/11/23 23:39*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/06/23 15:43*	*04/11/23 23:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 04:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 04:59	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-064-00.3-NA-P — Lab Sample ID: 880-26816-75

Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 11:18	04/10/23 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*04/07/23 11:18*	*04/10/23 04:59*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/07/23 11:18*	*04/10/23 04:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.0**		4.97		mg/Kg			04/11/23 10:42	1

Client Sample ID: CF-069-00.3-NA-P — Lab Sample ID: 880-26816-76

Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/12/23 00:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/12/23 00:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/12/23 00:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/12/23 00:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/12/23 00:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/12/23 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*04/06/23 15:43*	*04/12/23 00:05*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 15:43*	*04/12/23 00:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 11:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 11:13	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/07/23 14:29*	*04/09/23 11:13*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/07/23 14:29*	*04/09/23 11:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.7**		5.01		mg/Kg			04/11/23 10:47	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-169-00.3-NA-P
Lab Sample ID: 880-26816-77
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/12/23 00:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/12/23 00:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/12/23 00:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/12/23 00:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/06/23 15:43	04/12/23 00:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/06/23 15:43	04/12/23 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*15*	*S1-*	*70 - 130*	*04/06/23 15:43*	*04/12/23 00:32*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/06/23 15:43*	*04/12/23 00:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 12:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 12:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/07/23 14:29*	*04/09/23 12:19*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/07/23 14:29*	*04/09/23 12:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.9**		5.02		mg/Kg			04/11/23 10:51	1

Client Sample ID: CF-170-00.3-NA-P
Lab Sample ID: 880-26816-78
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0100	U	0.0100		mg/Kg		04/12/23 14:22	04/13/23 08:49	5
Toluene	<0.0100	U	0.0100		mg/Kg		04/12/23 14:22	04/13/23 08:49	5
Ethylbenzene	<0.0100	U	0.0100		mg/Kg		04/12/23 14:22	04/13/23 08:49	5
m,p-Xylenes	<0.0201	U	0.0201		mg/Kg		04/12/23 14:22	04/13/23 08:49	5
o-Xylene	<0.0100	U	0.0100		mg/Kg		04/12/23 14:22	04/13/23 08:49	5
Xylenes, Total	<0.0201	U	0.0201		mg/Kg		04/12/23 14:22	04/13/23 08:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/12/23 14:22*	*04/13/23 08:49*	*5*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/12/23 14:22*	*04/13/23 08:49*	*5*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-170-00.3-NA-P
Lab Sample ID: 880-26816-78
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0201	U	0.0201		mg/Kg			04/13/23 12:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 12:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 12:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/07/23 14:29*	*04/09/23 12:41*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/07/23 14:29*	*04/09/23 12:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.7**		5.03		mg/Kg			04/11/23 10:56	1

Client Sample ID: CF-171-00.3-NA-P
Lab Sample ID: 880-26816-79
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/12/23 01:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/12/23 01:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/12/23 01:24	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 15:43	04/12/23 01:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/12/23 01:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 15:43	04/12/23 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*04/06/23 15:43*	*04/12/23 01:24*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 15:43*	*04/12/23 01:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 13:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 13:03	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-171-00.3-NA-P
Lab Sample ID: 880-26816-79
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/07/23 14:29*	*04/09/23 13:03*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/07/23 14:29*	*04/09/23 13:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.1**		5.04		mg/Kg			04/11/23 11:01	1

Client Sample ID: CF-172-00.3-NA-P
Lab Sample ID: 880-26816-80
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/12/23 01:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/12/23 01:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/12/23 01:51	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/06/23 15:43	04/12/23 01:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/06/23 15:43	04/12/23 01:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/06/23 15:43	04/12/23 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*04/06/23 15:43*	*04/12/23 01:51*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*04/06/23 15:43*	*04/12/23 01:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 13:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 13:25	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/07/23 14:29*	*04/09/23 13:25*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/07/23 14:29*	*04/09/23 13:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.2**		4.97		mg/Kg			04/11/23 11:05	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-154-00.3-NA-P
Lab Sample ID: 880-26816-81
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		04/10/23 10:33	04/12/23 05:50	1
Toluene	<0.00200	U F2 F1	0.00200		mg/Kg		04/10/23 10:33	04/12/23 05:50	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		04/10/23 10:33	04/12/23 05:50	1
m,p-Xylenes	<0.00399	U F2 F1	0.00399		mg/Kg		04/10/23 10:33	04/12/23 05:50	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		04/10/23 10:33	04/12/23 05:50	1
Xylenes, Total	<0.00399	U F2 F1	0.00399		mg/Kg		04/10/23 10:33	04/12/23 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*13*	*S1-*	*70 - 130*	*04/10/23 10:33*	*04/12/23 05:50*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/10/23 10:33*	*04/12/23 05:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 13:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 13:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/07/23 14:29*	*04/09/23 13:47*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/07/23 14:29*	*04/09/23 13:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.5**		4.99		mg/Kg			04/10/23 19:25	1

Client Sample ID: CF-155-00.3-NA-P
Lab Sample ID: 880-26816-82
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 06:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 06:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 06:17	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/23 10:33	04/12/23 06:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 06:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 10:33	04/12/23 06:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 06:17*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/10/23 10:33*	*04/12/23 06:17*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-155-00.3-NA-P
Lab Sample ID: 880-26816-82
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 14:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 14:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/07/23 14:29*	*04/09/23 14:09*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/07/23 14:29*	*04/09/23 14:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.0**		4.97		mg/Kg			04/10/23 19:38	1

Client Sample ID: CF-156-00.3-NA-P
Lab Sample ID: 880-26816-83
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/23 10:33	04/12/23 06:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/23 10:33	04/12/23 06:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/23 10:33	04/12/23 06:43	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/23 10:33	04/12/23 06:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/23 10:33	04/12/23 06:43	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/23 10:33	04/12/23 06:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 06:43*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/10/23 10:33*	*04/12/23 06:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 14:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 14:31	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-156-00.3-NA-P
Lab Sample ID: 880-26816-83
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*04/07/23 14:29*	*04/09/23 14:31*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*04/07/23 14:29*	*04/09/23 14:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.8**		4.96		mg/Kg			04/10/23 19:43	1

Client Sample ID: CF-157-00.3-NA-P
Lab Sample ID: 880-26816-84
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 07:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 07:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 07:11	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 10:33	04/12/23 07:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 07:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 10:33	04/12/23 07:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 07:11*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/10/23 10:33*	*04/12/23 07:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 14:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 14:53	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/07/23 14:29*	*04/09/23 14:53*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/07/23 14:29*	*04/09/23 14:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		5.00		mg/Kg			04/10/23 19:48	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-158-00.3-NA-P
Lab Sample ID: 880-26816-85
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 07:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 07:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 07:38	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/23 10:33	04/12/23 07:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 07:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 10:33	04/12/23 07:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 07:38*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/10/23 10:33*	*04/12/23 07:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 15:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 15:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/07/23 14:29*	*04/09/23 15:14*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/07/23 14:29*	*04/09/23 15:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		5.00		mg/Kg			04/10/23 19:52	1

Client Sample ID: CF-159-00.3-NA-P
Lab Sample ID: 880-26816-86
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 08:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 08:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 08:05	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/23 10:33	04/12/23 08:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 08:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 10:33	04/12/23 08:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 08:05*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/10/23 10:33*	*04/12/23 08:05*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-159-00.3-NA-P
Lab Sample ID: 880-26816-86
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 15:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 15:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/07/23 14:29*	*04/09/23 15:58*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/07/23 14:29*	*04/09/23 15:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**127**		5.02		mg/Kg			04/10/23 20:06	1

Client Sample ID: CF-160-00.3-NA-P
Lab Sample ID: 880-26816-87
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 08:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 08:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 08:32	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/23 10:33	04/12/23 08:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 08:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/23 10:33	04/12/23 08:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 08:32*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/10/23 10:33*	*04/12/23 08:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 16:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 16:20	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-160-00.3-NA-P
Lab Sample ID: 880-26816-87
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/07/23 14:29*	*04/09/23 16:20*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/07/23 14:29*	*04/09/23 16:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**111**		5.03		mg/Kg			04/10/23 20:10	1

Client Sample ID: CF-161-00.3-NA-P
Lab Sample ID: 880-26816-88
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/12/23 03:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/12/23 03:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/12/23 03:38	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/23 10:41	04/12/23 03:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/12/23 03:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/23 10:41	04/12/23 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/10/23 10:41*	*04/12/23 03:38*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/10/23 10:41*	*04/12/23 03:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/12/23 09:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 16:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 16:42	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/07/23 14:29*	*04/09/23 16:42*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*04/07/23 14:29*	*04/09/23 16:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		5.02		mg/Kg			04/10/23 20:15	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-162-00.3-NA-P
Lab Sample ID: 880-26816-89
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 09:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 09:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 09:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 10:33	04/12/23 09:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 09:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 10:33	04/12/23 09:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 09:00*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/10/23 10:33*	*04/12/23 09:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 17:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 17:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/07/23 14:29*	*04/09/23 17:04*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/07/23 14:29*	*04/09/23 17:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.4**		4.97		mg/Kg			04/10/23 20:19	1

Client Sample ID: CF-163-00.3-NA-P
Lab Sample ID: 880-26816-90
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 09:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 09:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 09:27	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 10:33	04/12/23 09:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 09:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 10:33	04/12/23 09:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 09:27*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/10/23 10:33*	*04/12/23 09:27*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-163-00.3-NA-P
Lab Sample ID: 880-26816-90
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 17:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 17:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/07/23 14:29*	*04/09/23 17:26*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/07/23 14:29*	*04/09/23 17:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		4.96		mg/Kg			04/10/23 20:24	1

Client Sample ID: CF-164-00.3-NA-P
Lab Sample ID: 880-26816-91
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 11:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 11:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 11:42	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/23 10:33	04/12/23 11:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 11:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 10:33	04/12/23 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*387*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 11:42*	*1*
1,4-Difluorobenzene (Surr)	*234*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 11:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/12/23 15:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 17:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 17:48	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-164-00.3-NA-P
Lab Sample ID: 880-26816-91
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*04/07/23 14:29*	*04/09/23 17:48*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*04/07/23 14:29*	*04/09/23 17:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.8**		4.98		mg/Kg			04/10/23 20:28	1

Client Sample ID: CF-165-00.3-NA-P
Lab Sample ID: 880-26816-92
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 12:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 12:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 12:09	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/23 10:33	04/12/23 12:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 12:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 10:33	04/12/23 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 12:09*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/10/23 10:33*	*04/12/23 12:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/23 15:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 18:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 18:09	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/07/23 14:29*	*04/09/23 18:09*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/07/23 14:29*	*04/09/23 18:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**116**		5.04		mg/Kg			04/10/23 20:42	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-166-00.3-NA-P
Lab Sample ID: 880-26816-93
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 12:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 12:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 12:36	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/23 10:33	04/12/23 12:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 12:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/23 10:33	04/12/23 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 12:36*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/10/23 10:33*	*04/12/23 12:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/12/23 15:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 18:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 18:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*04/07/23 14:29*	*04/09/23 18:31*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*04/07/23 14:29*	*04/09/23 18:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		5.04		mg/Kg			04/10/23 20:47	1

Client Sample ID: CF-167-00.3-NA-P
Lab Sample ID: 880-26816-94
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/23 10:33	04/12/23 13:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/23 10:33	04/12/23 13:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/23 10:33	04/12/23 13:03	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/23 10:33	04/12/23 13:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/23 10:33	04/12/23 13:03	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/23 10:33	04/12/23 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 13:03*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/10/23 10:33*	*04/12/23 13:03*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-167-00.3-NA-P
Lab Sample ID: 880-26816-94
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/12/23 15:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 18:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 18:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 14:29	04/09/23 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/07/23 14:29*	*04/09/23 18:53*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/07/23 14:29*	*04/09/23 18:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.8**		5.01		mg/Kg			04/10/23 21:00	1

Client Sample ID: CF-168-00.3-NA-P
Lab Sample ID: 880-26816-95
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 13:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 13:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 13:31	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 10:33	04/12/23 13:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 13:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 10:33	04/12/23 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 13:31*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/10/23 10:33*	*04/12/23 13:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 15:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/23 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 19:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 19:15	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-168-00.3-NA-P
Lab Sample ID: 880-26816-95
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 14:29	04/09/23 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/07/23 14:29*	*04/09/23 19:15*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*04/07/23 14:29*	*04/09/23 19:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.4**		4.97		mg/Kg			04/10/23 21:05	1

Client Sample ID: CF-173-00.3-NA-P
Lab Sample ID: 880-26816-96
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 13:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 13:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 13:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 10:33	04/12/23 13:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:33	04/12/23 13:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 10:33	04/12/23 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 13:58*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*04/10/23 10:33*	*04/12/23 13:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 15:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 14:33	04/09/23 21:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 14:33	04/09/23 21:05	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 14:33	04/09/23 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/07/23 14:33*	*04/09/23 21:05*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/07/23 14:33*	*04/09/23 21:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.8**		5.00		mg/Kg			04/10/23 21:09	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-174-00.3-NA-P
Lab Sample ID: 880-26816-97
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 14:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 14:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 14:24	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/23 10:33	04/12/23 14:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 14:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 10:33	04/12/23 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 14:24*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/10/23 10:33*	*04/12/23 14:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/12/23 15:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**56.1**		50.0		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/09/23 22:11	1
Diesel Range Organics (Over C10-C28)	**56.1**		50.0		mg/Kg		04/07/23 14:33	04/09/23 22:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/09/23 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*64*	*S1-*	*70 - 130*	*04/07/23 14:33*	*04/09/23 22:11*	*1*
o-Terphenyl (Surr)	*125*		*70 - 130*	*04/07/23 14:33*	*04/09/23 22:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.5**		5.02		mg/Kg			04/10/23 21:14	1

Client Sample ID: CF-175-00.3-NA-P
Lab Sample ID: 880-26816-98
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 14:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 14:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 14:51	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/23 10:33	04/12/23 14:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:33	04/12/23 14:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 10:33	04/12/23 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 14:51*	*1*
1,4-Difluorobenzene (Surr)	*9*	*S1-*	*70 - 130*	*04/10/23 10:33*	*04/12/23 14:51*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-175-00.3-NA-P
Lab Sample ID: 880-26816-98
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/23 15:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/09/23 22:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/09/23 22:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/09/23 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/07/23 14:33*	*04/09/23 22:33*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/07/23 14:33*	*04/09/23 22:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.6**		5.04		mg/Kg			04/10/23 21:18	1

Client Sample ID: CF-176-00.3-NA-P
Lab Sample ID: 880-26816-99
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 15:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 15:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 15:18	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/23 10:33	04/12/23 15:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 15:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/23 10:33	04/12/23 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 15:18*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/10/23 10:33*	*04/12/23 15:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/13/23 12:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 14:33	04/09/23 22:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 14:33	04/09/23 22:55	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-176-00.3-NA-P
Lab Sample ID: 880-26816-99
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 14:33	04/09/23 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/07/23 14:33*	*04/09/23 22:55*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*04/07/23 14:33*	*04/09/23 22:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**46.3**		4.99		mg/Kg			04/10/23 21:23	1

Client Sample ID: CF-177-00.3-NA-P
Lab Sample ID: 880-26816-100
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/23 10:33	04/12/23 15:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/23 10:33	04/12/23 15:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/23 10:33	04/12/23 15:45	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/23 10:33	04/12/23 15:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/23 10:33	04/12/23 15:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/23 10:33	04/12/23 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*04/10/23 10:33*	*04/12/23 15:45*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/10/23 10:33*	*04/12/23 15:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/23 12:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/09/23 23:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/09/23 23:17	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/09/23 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/07/23 14:33*	*04/09/23 23:17*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/07/23 14:33*	*04/09/23 23:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.9**		4.99		mg/Kg			04/10/23 21:27	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-178-00.3-NA-P
Lab Sample ID: 880-26816-101
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/12/23 14:22	04/13/23 05:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/12/23 14:22	04/13/23 05:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/12/23 14:22	04/13/23 05:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/12/23 14:22	04/13/23 05:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/12/23 14:22	04/13/23 05:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/12/23 14:22	04/13/23 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/12/23 14:22*	*04/13/23 05:07*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/12/23 14:22*	*04/13/23 05:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 12:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/09/23 23:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/09/23 23:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/09/23 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/07/23 14:33*	*04/09/23 23:39*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/07/23 14:33*	*04/09/23 23:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30.7**		4.97		mg/Kg			04/12/23 03:41	1

Client Sample ID: CF-179-00.3-NA-P
Lab Sample ID: 880-26816-102
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/11/23 23:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/11/23 23:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/11/23 23:08	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/23 10:41	04/11/23 23:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/11/23 23:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/23 10:41	04/11/23 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/10/23 10:41*	*04/11/23 23:08*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/10/23 10:41*	*04/11/23 23:08*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-179-00.3-NA-P
Lab Sample ID: 880-26816-102
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/12/23 09:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/10/23 00:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/10/23 00:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/10/23 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/07/23 14:33*	*04/10/23 00:00*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/07/23 14:33*	*04/10/23 00:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.1**		4.99		mg/Kg			04/12/23 03:54	1

Client Sample ID: CF-180-00.3-NA-P
Lab Sample ID: 880-26816-103
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/11/23 23:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/11/23 23:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/11/23 23:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 10:41	04/11/23 23:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/11/23 23:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 10:41	04/11/23 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/10/23 10:41*	*04/11/23 23:29*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/10/23 10:41*	*04/11/23 23:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 09:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 14:33	04/10/23 00:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 14:33	04/10/23 00:21	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-180-00.3-NA-P
Lab Sample ID: 880-26816-103
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 14:33	04/10/23 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/07/23 14:33*	*04/10/23 00:21*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/07/23 14:33*	*04/10/23 00:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.3**		4.96		mg/Kg			04/12/23 03:59	1

Client Sample ID: CF-181-00.3-NA-P
Lab Sample ID: 880-26816-104
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/11/23 23:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/11/23 23:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/11/23 23:50	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/23 10:41	04/11/23 23:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/11/23 23:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 10:41	04/11/23 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/10/23 10:41*	*04/11/23 23:50*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/10/23 10:41*	*04/11/23 23:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/12/23 09:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/10/23 00:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/10/23 00:42	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/10/23 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*04/07/23 14:33*	*04/10/23 00:42*	*1*
o-Terphenyl (Surr)	*129*		*70 - 130*	*04/07/23 14:33*	*04/10/23 00:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.6**		5.02		mg/Kg			04/12/23 04:03	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-182-00.3-NA-P
Lab Sample ID: 880-26816-105
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:41	04/12/23 00:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:41	04/12/23 00:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:41	04/12/23 00:10	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/23 10:41	04/12/23 00:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:41	04/12/23 00:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 10:41	04/12/23 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*04/10/23 10:41*	*04/12/23 00:10*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/10/23 10:41*	*04/12/23 00:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/23 09:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/10/23 01:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/10/23 01:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/10/23 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/07/23 14:33*	*04/10/23 01:04*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/07/23 14:33*	*04/10/23 01:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.5**		5.00		mg/Kg			04/12/23 04:08	1

Client Sample ID: CF-183-00.3-NA-P
Lab Sample ID: 880-26816-106
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/23 10:41	04/12/23 00:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/23 10:41	04/12/23 00:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/23 10:41	04/12/23 00:31	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/10/23 10:41	04/12/23 00:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/23 10:41	04/12/23 00:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/10/23 10:41	04/12/23 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/10/23 10:41*	*04/12/23 00:31*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/10/23 10:41*	*04/12/23 00:31*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-183-00.3-NA-P
Lab Sample ID: 880-26816-106
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/12/23 09:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/10/23 01:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/10/23 01:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/10/23 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/07/23 14:33*	*04/10/23 01:47*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/07/23 14:33*	*04/10/23 01:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.5**		5.05		mg/Kg			04/12/23 04:22	1

Client Sample ID: CF-184-00.3-NA-P
Lab Sample ID: 880-26816-107
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/12/23 00:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/12/23 00:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/12/23 00:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 10:41	04/12/23 00:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/12/23 00:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 10:41	04/12/23 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/10/23 10:41*	*04/12/23 00:51*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/10/23 10:41*	*04/12/23 00:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 09:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 14:33	04/10/23 02:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 14:33	04/10/23 02:08	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-184-00.3-NA-P
Lab Sample ID: 880-26816-107
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 14:33	04/10/23 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/07/23 14:33*	*04/10/23 02:08*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/07/23 14:33*	*04/10/23 02:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.5**		4.98		mg/Kg			04/12/23 04:26	1

Client Sample ID: CF-185-00.3-NA-P
Lab Sample ID: 880-26816-108
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/12/23 01:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/12/23 01:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/12/23 01:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 10:41	04/12/23 01:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/12/23 01:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 10:41	04/12/23 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/10/23 10:41*	*04/12/23 01:12*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/23 10:41*	*04/12/23 01:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 09:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/10/23 02:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/10/23 02:30	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/10/23 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/07/23 14:33*	*04/10/23 02:30*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/07/23 14:33*	*04/10/23 02:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.3**		4.99		mg/Kg			04/12/23 04:31	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-186-00.3-NA-P
Lab Sample ID: 880-26816-109
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/12/23 01:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/12/23 01:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/12/23 01:33	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 10:41	04/12/23 01:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 10:41	04/12/23 01:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 10:41	04/12/23 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*04/10/23 10:41*	*04/12/23 01:33*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/10/23 10:41*	*04/12/23 01:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/23 09:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/10/23 02:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/10/23 02:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/10/23 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/07/23 14:33*	*04/10/23 02:51*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/07/23 14:33*	*04/10/23 02:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49.6**		5.05		mg/Kg			04/12/23 04:35	1

Client Sample ID: CF-187-00.3-NA-P
Lab Sample ID: 880-26816-110
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/12/23 01:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/12/23 01:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/12/23 01:53	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/23 10:41	04/12/23 01:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/12/23 01:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 10:41	04/12/23 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/10/23 10:41*	*04/12/23 01:53*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/10/23 10:41*	*04/12/23 01:53*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-187-00.3-NA-P
Lab Sample ID: 880-26816-110
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/12/23 09:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/10/23 03:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/10/23 03:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 14:33	04/10/23 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/07/23 14:33*	*04/10/23 03:12*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/07/23 14:33*	*04/10/23 03:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.0**		5.05		mg/Kg			04/12/23 04:40	1

Client Sample ID: CF-188-00.3-NA-P
Lab Sample ID: 880-26816-111
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:41	04/12/23 02:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:41	04/12/23 02:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:41	04/12/23 02:14	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/23 10:41	04/12/23 02:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 10:41	04/12/23 02:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 10:41	04/12/23 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/10/23 10:41*	*04/12/23 02:14*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/10/23 10:41*	*04/12/23 02:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/23 09:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/23 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/10/23 03:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/10/23 03:34	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-188-00.3-NA-P **Lab Sample ID: 880-26816-111**
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/10/23 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/07/23 14:33*	*04/10/23 03:34*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/07/23 14:33*	*04/10/23 03:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**55.2**		5.00		mg/Kg			04/12/23 04:44	1

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-26816-1	CF-189-00.3-NA-P	101	104
880-26816-1 MS	CF-189-00.3-NA-P	106	112
880-26816-1 MSD	CF-189-00.3-NA-P	110	111
880-26816-2	CF-190-00.3-NA-P	107	106
880-26816-3	CF-191-00.3-NA-P	107	104
880-26816-4	CF-0192-00.3-NA-P	102	105
880-26816-5	CF-193-00.3-NA-P	106	107
880-26816-6	CF-194-00.3-NA-P	105	104
880-26816-7	CF-195-00.3-NA-P	108	106
880-26816-8	CF-196-00.3-NA-P	106	102
880-26816-9	CF-197-00.3-NA-P	112	110
880-26816-10	CF-198-00.3-NA-P	103	103
880-26816-11	CF-199-00.3-NA-P	97	104
880-26816-12	CF-200-00.3-NA-P	105	107
880-26816-13	CF-201-00.3-NA-P	105	107
880-26816-14	CF-202-00.3-NA-P	107	104
880-26816-15	CF-203-00.3-NA-P	113	107
880-26816-16	CF-204-00.3-NA-P	96	106
880-26816-17	CF-205-00.3-NA-P	101	108
880-26816-18	CF-206-00.3-NA-P	107	109
880-26816-19	CF-207-00.3-NA-P	100	108
880-26816-20	CF-208-00.3-NA-P	104	106
880-26816-21	CF-209-00.3-NA-P	102	105
880-26816-21 MS	CF-209-00.3-NA-P	107	110
880-26816-21 MSD	CF-209-00.3-NA-P	103	109
880-26816-22	CF-210-00.3-NA-P	111	103
880-26816-23	CF-211-00.3-NA-P	108	105
880-26816-24	CF-212-00.3-NA-P	112	103
880-26816-25	CF-213-00.3-NA-P	113	105
880-26816-26	CF-214-00.3-NA-P	108	105
880-26816-27	CF-215-00.3-NA-P	103	98
880-26816-28	CF-216-00.3-NA-P	106	104
880-26816-29	CF-217-00.3-NA-P	104	102
880-26816-30	CF-218-00.3-NA-P	106	103
880-26816-31	CF-219-00.3-NA-P	106	107
880-26816-32	CF-220-00.3-NA-P	108	101
880-26816-33	CF-221-00.3-NA-P	111	105
880-26816-34	CF-222-00.3-NA-P	107	102
880-26816-35	CF-223-00.3-NA-P	110	104
880-26816-36	CF-224-00.3-NA-P	109	105
880-26816-37	CF-225-00.3-NA-P	107	108
880-26816-38	CF-226-00.3-NA-P	110	106
880-26816-39	CF-227-00.3-NA-P	103	105
880-26816-40	CF-228-00.3-NA-P	98	103
880-26816-41	CF-229-00.3-NA-P	120	79
880-26816-41 MS	CF-229-00.3-NA-P	123	86
880-26816-41 MSD	CF-229-00.3-NA-P	112	78
880-26816-42	CF-230-00.3-NA-P	126	80
880-26816-43	CF-231-00.3-NA-P	143 S1+	85

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-26816-44	CF-232-00.3-NA-P	137 S1+	78
880-26816-45	CF-233-00.3-NA-P	125	80
880-26816-46	CF-234-00.3-NA-P	128	81
880-26816-47	CF-235-00.3-NA-P	124	78
880-26816-48	CF-236-00.3-NA-P	136 S1+	85
880-26816-49	CF-237-00.3-NA-P	131 S1+	87
880-26816-50	CF-238-00.3-NA-P	133 S1+	83
880-26816-51	CF-239-00.3-NA-P	132 S1+	81
880-26816-52	CF-240-00.3-NA-P	131 S1+	86
880-26816-53	CF-241-00.3-NA-P	141 S1+	72
880-26816-54	CF-242-00.3-NA-P	133 S1+	83
880-26816-55	CF-243-00.3-NA-P	140 S1+	91
880-26816-56	CF-244-00.3-NA-P	145 S1+	87
880-26816-57	CF-245-00.3-NA-P	121	74
880-26816-58	CF-246-00.3-NA-P	131 S1+	84
880-26816-59	CF-247-00.3-NA-P	135 S1+	85
880-26816-60	CF-248-00.3-NA-P	141 S1+	87
880-26816-61	CF-249-00.3-NA-P	126	73
880-26816-61 MS	CF-249-00.3-NA-P	124	96
880-26816-61 MSD	CF-249-00.3-NA-P	126	79
880-26816-62	CF-250-00.3-NA-P	134 S1+	76
880-26816-63	CF-251-00.3-NA-P	133 S1+	80
880-26816-64	CF-252-00.3-NA-P	148 S1+	79
880-26816-65	CF-253-00.3-NA-P	152 S1+	91
880-26816-66	CF-254-00.3-NA-P	145 S1+	81
880-26816-67	CF-255-00.3-NA-P	122	74
880-26816-68	CF-256-00.3-NA-P	145 S1+	81
880-26816-69	CF-257-00.3-NA-P	124	67 S1-
880-26816-70	CF-258-00.3-NA-P	137 S1+	77
880-26816-71	CF-259-00.3-NA-P	125	75
880-26816-72	CF-260-00.3-NA-P	146 S1+	82
880-26816-73	CF-261-00.3-NA-P	129	69 S1-
880-26816-74	CF-008-04.0-NA-P	141 S1+	80
880-26816-75	CF-064-00.3-NA-P	143 S1+	88
880-26816-76	CF-069-00.3-NA-P	136 S1+	80
880-26816-77	CF-169-00.3-NA-P	15 S1-	84
880-26816-78	CF-170-00.3-NA-P	108	105
880-26816-79	CF-171-00.3-NA-P	140 S1+	80
880-26816-80	CF-172-00.3-NA-P	142 S1+	75
880-26816-81	CF-154-00.3-NA-P	13 S1-	77
880-26816-81 MS	CF-154-00.3-NA-P	119	70
880-26816-81 MSD	CF-154-00.3-NA-P	124	88
880-26816-82	CF-155-00.3-NA-P	140 S1+	80
880-26816-83	CF-156-00.3-NA-P	143 S1+	84
880-26816-84	CF-157-00.3-NA-P	146 S1+	86
880-26816-85	CF-158-00.3-NA-P	137 S1+	79
880-26816-86	CF-159-00.3-NA-P	135 S1+	80
880-26816-87	CF-160-00.3-NA-P	141 S1+	77
880-26816-88	CF-161-00.3-NA-P	107	104
880-26816-89	CF-162-00.3-NA-P	132 S1+	83

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-26816-90	CF-163-00.3-NA-P	136 S1+	79
880-26816-91	CF-164-00.3-NA-P	387 S1+	234 S1+
880-26816-92	CF-165-00.3-NA-P	149 S1+	85
880-26816-93	CF-166-00.3-NA-P	145 S1+	77
880-26816-94	CF-167-00.3-NA-P	141 S1+	74
880-26816-95	CF-168-00.3-NA-P	150 S1+	85
880-26816-96	CF-173-00.3-NA-P	146 S1+	69 S1-
880-26816-97	CF-174-00.3-NA-P	143 S1+	78
880-26816-98	CF-175-00.3-NA-P	145 S1+	9 S1-
880-26816-99	CF-176-00.3-NA-P	132 S1+	79
880-26816-100	CF-177-00.3-NA-P	138 S1+	77
880-26816-101	CF-178-00.3-NA-P	120	106
880-26816-102	CF-179-00.3-NA-P	106	94
880-26816-102 MS	CF-179-00.3-NA-P	120	105
880-26816-102 MSD	CF-179-00.3-NA-P	120	98
880-26816-103	CF-180-00.3-NA-P	91	93
880-26816-104	CF-181-00.3-NA-P	98	86
880-26816-105	CF-182-00.3-NA-P	128	103
880-26816-106	CF-183-00.3-NA-P	122	110
880-26816-107	CF-184-00.3-NA-P	116	104
880-26816-108	CF-185-00.3-NA-P	112	99
880-26816-109	CF-186-00.3-NA-P	123	106
880-26816-110	CF-187-00.3-NA-P	116	96
880-26816-111	CF-188-00.3-NA-P	122	104
LCS 880-50532/1-A	Lab Control Sample	104	111
LCS 880-50533/1-A	Lab Control Sample	99	108
LCS 880-50534/1-A	Lab Control Sample	122	109
LCS 880-50537/1-A	Lab Control Sample	110	95
LCS 880-50815/1-A	Lab Control Sample	127	91
LCS 880-50817/1-A	Lab Control Sample	110	101
LCS 880-50944/56	Lab Control Sample	100	103
LCS 880-50997/1-A	Lab Control Sample	94	103
LCSD 880-50532/2-A	Lab Control Sample Dup	101	109
LCSD 880-50533/2-A	Lab Control Sample Dup	98	111
LCSD 880-50534/2-A	Lab Control Sample Dup	109	85
LCSD 880-50537/2-A	Lab Control Sample Dup	122	84
LCSD 880-50815/2-A	Lab Control Sample Dup	136 S1+	93
LCSD 880-50817/2-A	Lab Control Sample Dup	102	100
LCSD 880-50944/57	Lab Control Sample Dup	103	108
LCSD 880-50997/2-A	Lab Control Sample Dup	98	110
MB 880-50531/5-A	Method Blank	74	81
MB 880-50532/5-A	Method Blank	87	99
MB 880-50533/5-A	Method Blank	93	98
MB 880-50534/5-A	Method Blank	76	80
MB 880-50537/5-A	Method Blank	80	80
MB 880-50771/8	Method Blank	90	102
MB 880-50815/5-A	Method Blank	82	78
MB 880-50817/5-A	Method Blank	101	88
MB 880-50821/5-A	Method Blank	91	98
MB 880-50846/5-A	Method Blank	97	90

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
MB 880-50869/8	Method Blank	89	99
MB 880-50944/61	Method Blank	97	99
MB 880-50997/5-A	Method Blank	95	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-26816-1	CF-189-00.3-NA-P	121	109
880-26816-2	CF-190-00.3-NA-P	119	105
880-26816-3	CF-191-00.3-NA-P	108	93
880-26816-4	CF-0192-00.3-NA-P	107	90
880-26816-5	CF-193-00.3-NA-P	119	105
880-26816-6	CF-194-00.3-NA-P	117	105
880-26816-7	CF-195-00.3-NA-P	125	112
880-26816-8	CF-196-00.3-NA-P	107	92
880-26816-9	CF-197-00.3-NA-P	116	104
880-26816-10	CF-198-00.3-NA-P	116	104
880-26816-11	CF-199-00.3-NA-P	119	104
880-26816-12	CF-200-00.3-NA-P	115	99
880-26816-13	CF-201-00.3-NA-P	98	87
880-26816-14	CF-202-00.3-NA-P	144 S1+	121
880-26816-15	CF-203-00.3-NA-P	118	101
880-26816-15 MS	CF-203-00.3-NA-P	132 S1+	100
880-26816-15 MSD	CF-203-00.3-NA-P	135 S1+	102
880-26816-16	CF-204-00.3-NA-P	104	89
880-26816-17	CF-205-00.3-NA-P	103	89
880-26816-18	CF-206-00.3-NA-P	106	91
880-26816-19	CF-207-00.3-NA-P	120	102
880-26816-20	CF-208-00.3-NA-P	106	90
880-26816-21	CF-209-00.3-NA-P	120	103
880-26816-22	CF-210-00.3-NA-P	109	94
880-26816-23	CF-211-00.3-NA-P	107	93
880-26816-24	CF-212-00.3-NA-P	104	91
880-26816-25	CF-213-00.3-NA-P	109	94
880-26816-26	CF-214-00.3-NA-P	111	96
880-26816-27	CF-215-00.3-NA-P	124	104
880-26816-28	CF-216-00.3-NA-P	112	93
880-26816-29	CF-217-00.3-NA-P	128	109
880-26816-30	CF-218-00.3-NA-P	122	102
880-26816-31	CF-219-00.3-NA-P	105	90
880-26816-32	CF-220-00.3-NA-P	109	91
880-26816-33	CF-221-00.3-NA-P	123	103
880-26816-34	CF-222-00.3-NA-P	110	94
880-26816-35	CF-223-00.3-NA-P	88	68 S1-

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
880-26816-36	CF-224-00.3-NA-P	128	107								
880-26816-36 MS	CF-224-00.3-NA-P	108	82								
880-26816-36 MSD	CF-224-00.3-NA-P	108	82								
880-26816-37	CF-225-00.3-NA-P	99	80								
880-26816-38	CF-226-00.3-NA-P	101	84								
880-26816-39	CF-227-00.3-NA-P	116	97								
880-26816-40	CF-228-00.3-NA-P	97	81								
880-26816-41	CF-229-00.3-NA-P	114	93								
880-26816-42	CF-230-00.3-NA-P	96	81								
880-26816-43	CF-231-00.3-NA-P	114	94								
880-26816-44	CF-232-00.3-NA-P	122	102								
880-26816-45	CF-233-00.3-NA-P	99	83								
880-26816-46	CF-234-00.3-NA-P	99	82								
880-26816-47	CF-235-00.3-NA-P	116	96								
880-26816-48	CF-236-00.3-NA-P	107	88								
880-26816-49	CF-237-00.3-NA-P	108	90								
880-26816-50	CF-238-00.3-NA-P	109	89								
880-26816-51	CF-239-00.3-NA-P	111	89								
880-26816-52	CF-240-00.3-NA-P	100	82								
880-26816-53	CF-241-00.3-NA-P	109	88								
880-26816-54	CF-242-00.3-NA-P	108	86								
880-26816-55	CF-243-00.3-NA-P	95	77								
880-26816-56	CF-244-00.3-NA-P	130	108								
880-26816-56 MS	CF-244-00.3-NA-P	122	89								
880-26816-56 MSD	CF-244-00.3-NA-P	119	87								
880-26816-57	CF-245-00.3-NA-P	120	96								
880-26816-58	CF-246-00.3-NA-P	105	84								
880-26816-59	CF-247-00.3-NA-P	108	86								
880-26816-60	CF-248-00.3-NA-P	107	83								
880-26816-61	CF-249-00.3-NA-P	120	94								
880-26816-62	CF-250-00.3-NA-P	121	96								
880-26816-63	CF-251-00.3-NA-P	124	99								
880-26816-64	CF-252-00.3-NA-P	123	96								
880-26816-65	CF-253-00.3-NA-P	124	98								
880-26816-66	CF-254-00.3-NA-P	118	93								
880-26816-67	CF-255-00.3-NA-P	109	88								
880-26816-68	CF-256-00.3-NA-P	109	89								
880-26816-69	CF-257-00.3-NA-P	105	87								
880-26816-70	CF-258-00.3-NA-P	105	86								
880-26816-71	CF-259-00.3-NA-P	120	98								
880-26816-72	CF-260-00.3-NA-P	120	99								
880-26816-73	CF-261-00.3-NA-P	107	90								
880-26816-74	CF-008-04.0-NA-P	111	96								
880-26816-75	CF-064-00.3-NA-P	125	108								
880-26816-76	CF-069-00.3-NA-P	98	111								
880-26816-76 MS	CF-069-00.3-NA-P	105	105								
880-26816-76 MSD	CF-069-00.3-NA-P	110	109								
880-26816-77	CF-169-00.3-NA-P	98	108								
880-26816-78	CF-170-00.3-NA-P	97	106								
880-26816-79	CF-171-00.3-NA-P	108	118								

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
880-26816-80	CF-172-00.3-NA-P	104	116								
880-26816-81	CF-154-00.3-NA-P	99	107								
880-26816-82	CF-155-00.3-NA-P	100	108								
880-26816-83	CF-156-00.3-NA-P	118	123								
880-26816-84	CF-157-00.3-NA-P	97	103								
880-26816-85	CF-158-00.3-NA-P	99	105								
880-26816-86	CF-159-00.3-NA-P	92	98								
880-26816-87	CF-160-00.3-NA-P	94	101								
880-26816-88	CF-161-00.3-NA-P	93	97								
880-26816-89	CF-162-00.3-NA-P	94	100								
880-26816-90	CF-163-00.3-NA-P	111	116								
880-26816-91	CF-164-00.3-NA-P	114	121								
880-26816-92	CF-165-00.3-NA-P	94	100								
880-26816-93	CF-166-00.3-NA-P	91	97								
880-26816-94	CF-167-00.3-NA-P	95	101								
880-26816-95	CF-168-00.3-NA-P	110	115								
880-26816-96	CF-173-00.3-NA-P	103	116								
880-26816-96 MS	CF-173-00.3-NA-P	100	99								
880-26816-96 MSD	CF-173-00.3-NA-P	102	103								
880-26816-97	CF-174-00.3-NA-P	64 S1-	125								
880-26816-98	CF-175-00.3-NA-P	93	103								
880-26816-99	CF-176-00.3-NA-P	111	119								
880-26816-100	CF-177-00.3-NA-P	98	108								
880-26816-101	CF-178-00.3-NA-P	93	102								
880-26816-102	CF-179-00.3-NA-P	101	113								
880-26816-103	CF-180-00.3-NA-P	101	113								
880-26816-104	CF-181-00.3-NA-P	115	129								
880-26816-105	CF-182-00.3-NA-P	97	108								
880-26816-106	CF-183-00.3-NA-P	97	108								
880-26816-107	CF-184-00.3-NA-P	98	109								
880-26816-108	CF-185-00.3-NA-P	102	113								
880-26816-109	CF-186-00.3-NA-P	100	112								
880-26816-110	CF-187-00.3-NA-P	100	110								
880-26816-111	CF-188-00.3-NA-P	98	109								
LCS 880-50538/2-A	Lab Control Sample	110	94								
LCS 880-50539/2-A	Lab Control Sample	103	91								
LCS 880-50555/2-A	Lab Control Sample	131 S1+	109								
LCS 880-50607/2-A	Lab Control Sample	96	83								
LCS 880-50608/2-A	Lab Control Sample	99	85								
LCS 880-50622/2-A	Lab Control Sample	124	140 S1+								
LCS 880-50623/2-A	Lab Control Sample	109	125								
LCSD 880-50538/3-A	Lab Control Sample Dup	111	95								
LCSD 880-50539/3-A	Lab Control Sample Dup	104	91								
LCSD 880-50555/3-A	Lab Control Sample Dup	107	95								
LCSD 880-50607/3-A	Lab Control Sample Dup	93	81								
LCSD 880-50608/3-A	Lab Control Sample Dup	105	91								
LCSD 880-50622/3-A	Lab Control Sample Dup	111	125								
LCSD 880-50623/3-A	Lab Control Sample Dup	107	122								
MB 880-50538/1-A	Method Blank	120	111								
MB 880-50539/1-A	Method Blank	117	106								

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
MB 880-50555/1-A	Method Blank	134 S1+	120								
MB 880-50607/1-A	Method Blank	107	95								
MB 880-50608/1-A	Method Blank	113	101								
MB 880-50622/1-A	Method Blank	118	139 S1+								
MB 880-50623/1-A	Method Blank	124	145 S1+								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-50531/5-A
Matrix: Solid
Analysis Batch: 50768

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50531

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:28	04/10/23 11:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:28	04/10/23 11:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:28	04/10/23 11:45	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 15:28	04/10/23 11:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:28	04/10/23 11:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 15:28	04/10/23 11:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*04/06/23 15:28*	*04/10/23 11:45*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/06/23 15:28*	*04/10/23 11:45*	*1*

Lab Sample ID: MB 880-50532/5-A
Matrix: Solid
Analysis Batch: 50771

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50532

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/10/23 23:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/10/23 23:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/10/23 23:19	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 15:29	04/10/23 23:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:29	04/10/23 23:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 15:29	04/10/23 23:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*04/06/23 15:29*	*04/10/23 23:19*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/06/23 15:29*	*04/10/23 23:19*	*1*

Lab Sample ID: LCS 880-50532/1-A
Matrix: Solid
Analysis Batch: 50771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50532

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1123		mg/Kg		112	70 - 130		
Toluene			0.100	0.1075		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.1010		mg/Kg		101	70 - 130		
m,p-Xylenes			0.200	0.2012		mg/Kg		101	70 - 130		
o-Xylene			0.100	0.1020		mg/Kg		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-50532/2-A
Matrix: Solid
Analysis Batch: 50771

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50532

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1075		mg/Kg		108	70 - 130	4	35

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-50532/2-A
Matrix: Solid
Analysis Batch: 50771

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50532

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1042		mg/Kg		104	70 - 130	3	35
Ethylbenzene			0.100	0.09648		mg/Kg		96	70 - 130	5	35
m,p-Xylenes			0.200	0.1907		mg/Kg		95	70 - 130	5	35
o-Xylene			0.100	0.09648		mg/Kg		96	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-26816-1 MS
Matrix: Solid
Analysis Batch: 50771

Client Sample ID: CF-189-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50532

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.09033		mg/Kg		91	70 - 130
Toluene	<0.00200	U	0.0998	0.08791		mg/Kg		88	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.07894		mg/Kg		79	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1555		mg/Kg		78	70 - 130
o-Xylene	<0.00200	U	0.0998	0.07887		mg/Kg		79	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-26816-1 MSD
Matrix: Solid
Analysis Batch: 50771

Client Sample ID: CF-189-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50532

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09864		mg/Kg		100	70 - 130	9	35
Toluene	<0.00200	U	0.0990	0.09449		mg/Kg		95	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.0990	0.08556		mg/Kg		86	70 - 130	8	35
m,p-Xylenes	<0.00399	U	0.198	0.1687		mg/Kg		85	70 - 130	8	35
o-Xylene	<0.00200	U	0.0990	0.08563		mg/Kg		86	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: MB 880-50533/5-A
Matrix: Solid
Analysis Batch: 50869

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50533

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 18:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 18:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 18:06	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 15:32	04/11/23 18:06	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-50533/5-A
Matrix: Solid
Analysis Batch: 50869

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50533

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:32	04/11/23 18:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 15:32	04/11/23 18:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/06/23 15:32*	*04/11/23 18:06*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/06/23 15:32*	*04/11/23 18:06*	*1*

Lab Sample ID: LCS 880-50533/1-A
Matrix: Solid
Analysis Batch: 50869

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50533

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1170		mg/Kg		117	70 - 130		
Toluene			0.100	0.1144		mg/Kg		114	70 - 130		
Ethylbenzene			0.100	0.1048		mg/Kg		105	70 - 130		
m,p-Xylenes			0.200	0.2065		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1043		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-50533/2-A
Matrix: Solid
Analysis Batch: 50869

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50533

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1064		mg/Kg		106	70 - 130	9	35
Toluene			0.100	0.1026		mg/Kg		103	70 - 130	11	35
Ethylbenzene			0.100	0.09339		mg/Kg		93	70 - 130	12	35
m,p-Xylenes			0.200	0.1839		mg/Kg		92	70 - 130	12	35
o-Xylene			0.100	0.09215		mg/Kg		92	70 - 130	12	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: 880-26816-21 MS
Matrix: Solid
Analysis Batch: 50869

Client Sample ID: CF-209-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50533

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00198	U	0.0998	0.1028		mg/Kg		103	70 - 130		
Toluene	<0.00198	U	0.0998	0.09600		mg/Kg		96	70 - 130		
Ethylbenzene	<0.00198	U	0.0998	0.08503		mg/Kg		85	70 - 130		
m,p-Xylenes	<0.00396	U F1	0.200	0.1648		mg/Kg		83	70 - 130		
o-Xylene	<0.00198	U	0.0998	0.08328		mg/Kg		83	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26816-21 MS
Matrix: Solid
Analysis Batch: 50869

Client Sample ID: CF-209-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50533

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-26816-21 MSD
Matrix: Solid
Analysis Batch: 50869

Client Sample ID: CF-209-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50533

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.07977		mg/Kg		79	70 - 130	25	35
Toluene	<0.00198	U	0.100	0.07729		mg/Kg		77	70 - 130	22	35
Ethylbenzene	<0.00198	U	0.100	0.07023		mg/Kg		70	70 - 130	19	35
m,p-Xylenes	<0.00396	U F1	0.201	0.1390	F1	mg/Kg		69	70 - 130	17	35
o-Xylene	<0.00198	U	0.100	0.07202		mg/Kg		72	70 - 130	14	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: MB 880-50534/5-A
Matrix: Solid
Analysis Batch: 50768

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50534

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 01:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 01:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 01:21	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 15:33	04/11/23 01:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:33	04/11/23 01:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 15:33	04/11/23 01:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	04/06/23 15:33	04/11/23 01:21	1
1,4-Difluorobenzene (Surr)	80		70 - 130	04/06/23 15:33	04/11/23 01:21	1

Lab Sample ID: LCS 880-50534/1-A
Matrix: Solid
Analysis Batch: 50768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50534

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1114		mg/Kg		111	70 - 130		
Toluene			0.100	0.1135		mg/Kg		113	70 - 130		
Ethylbenzene			0.100	0.1067		mg/Kg		107	70 - 130		
m,p-Xylenes			0.200	0.2075		mg/Kg		104	70 - 130		
o-Xylene			0.100	0.1080		mg/Kg		108	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-50534/1-A
Matrix: Solid
Analysis Batch: 50768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50534

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-50534/2-A
Matrix: Solid
Analysis Batch: 50768

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50534

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1042		mg/Kg		104	70 - 130	7	35
Toluene			0.100	0.1096		mg/Kg		110	70 - 130	3	35
Ethylbenzene			0.100	0.1017		mg/Kg		102	70 - 130	5	35
m,p-Xylenes			0.200	0.1972		mg/Kg		99	70 - 130	5	35
o-Xylene			0.100	0.1028		mg/Kg		103	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-26816-41 MS
Matrix: Solid
Analysis Batch: 50768

Client Sample ID: CF-229-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50534

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U	0.0998	0.09817		mg/Kg		98	70 - 130		
Toluene	<0.00202	U	0.0998	0.1017		mg/Kg		102	70 - 130		
Ethylbenzene	<0.00202	U	0.0998	0.09432		mg/Kg		95	70 - 130		
m,p-Xylenes	<0.00403	U	0.200	0.1821		mg/Kg		91	70 - 130		
o-Xylene	<0.00202	U	0.0998	0.09450		mg/Kg		95	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: 880-26816-41 MSD
Matrix: Solid
Analysis Batch: 50768

Client Sample ID: CF-229-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50534

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0990	0.09476		mg/Kg		96	70 - 130	4	35
Toluene	<0.00202	U	0.0990	0.09779		mg/Kg		99	70 - 130	4	35
Ethylbenzene	<0.00202	U	0.0990	0.09335		mg/Kg		94	70 - 130	1	35
m,p-Xylenes	<0.00403	U	0.198	0.1815		mg/Kg		92	70 - 130	0	35
o-Xylene	<0.00202	U	0.0990	0.09386		mg/Kg		95	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	78		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-50537/5-A
Matrix: Solid
Analysis Batch: 50912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50537

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 15:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 15:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 15:46	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/06/23 15:43	04/11/23 15:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/23 15:43	04/11/23 15:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/23 15:43	04/11/23 15:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 15:43*	*04/11/23 15:46*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/06/23 15:43*	*04/11/23 15:46*	*1*

Lab Sample ID: LCS 880-50537/1-A
Matrix: Solid
Analysis Batch: 50912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50537

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1271		mg/Kg		127	70 - 130		
Toluene			0.100	0.1231		mg/Kg		123	70 - 130		
Ethylbenzene			0.100	0.1170		mg/Kg		117	70 - 130		
m,p-Xylenes			0.200	0.2296		mg/Kg		115	70 - 130		
o-Xylene			0.100	0.1184		mg/Kg		118	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-50537/2-A
Matrix: Solid
Analysis Batch: 50912

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50537

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1191		mg/Kg		119	70 - 130	7	35
Toluene			0.100	0.1285		mg/Kg		129	70 - 130	4	35
Ethylbenzene			0.100	0.1223		mg/Kg		122	70 - 130	4	35
m,p-Xylenes			0.200	0.2391		mg/Kg		120	70 - 130	4	35
o-Xylene			0.100	0.1200		mg/Kg		120	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*

Lab Sample ID: 880-26816-61 MS
Matrix: Solid
Analysis Batch: 50912

Client Sample ID: CF-249-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50537

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00198	U	0.0998	0.09961		mg/Kg		100	70 - 130		
Toluene	<0.00198	U	0.0998	0.1031		mg/Kg		103	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26816-61 MS
Matrix: Solid
Analysis Batch: 50912

Client Sample ID: CF-249-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50537

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00198	U	0.0998	0.09524		mg/Kg		95	70 - 130
m,p-Xylenes	<0.00396	U	0.200	0.1836		mg/Kg		92	70 - 130
o-Xylene	<0.00198	U F2 F1	0.0998	0.09494		mg/Kg		95	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-26816-61 MSD
Matrix: Solid
Analysis Batch: 50912

Client Sample ID: CF-249-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50537

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1049		mg/Kg		104	70 - 130	5	35
Toluene	<0.00198	U	0.101	0.1107		mg/Kg		110	70 - 130	7	35
Ethylbenzene	<0.00198	U	0.101	0.1030		mg/Kg		102	70 - 130	8	35
m,p-Xylenes	<0.00396	U	0.202	0.2011		mg/Kg		100	70 - 130	9	35
o-Xylene	<0.00198	U F2 F1	0.101	0.03734	F2 F1	mg/Kg		37	70 - 130	87	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*

Lab Sample ID: MB 880-50771/8
Matrix: Solid
Analysis Batch: 50771

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg			04/10/23 11:43	1
Toluene	<0.00200	U	0.00200	mg/Kg			04/10/23 11:43	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg			04/10/23 11:43	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg			04/10/23 11:43	1
o-Xylene	<0.00200	U	0.00200	mg/Kg			04/10/23 11:43	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg			04/10/23 11:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*04/10/23 11:43*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*		*04/10/23 11:43*	*1*

Lab Sample ID: MB 880-50815/5-A
Matrix: Solid
Analysis Batch: 50912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50815

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/10/23 10:33	04/12/23 05:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/10/23 10:33	04/12/23 05:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/10/23 10:33	04/12/23 05:23	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		04/10/23 10:33	04/12/23 05:23	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-50815/5-A
Matrix: Solid
Analysis Batch: 50912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50815

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:33	04/12/23 05:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/23 10:33	04/12/23 05:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*04/10/23 10:33*	*04/12/23 05:23*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/10/23 10:33*	*04/12/23 05:23*	*1*

Lab Sample ID: LCS 880-50815/1-A
Matrix: Solid
Analysis Batch: 50912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50815

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1081		mg/Kg		108	70 - 130		
Toluene			0.100	0.1098		mg/Kg		110	70 - 130		
Ethylbenzene			0.100	0.1047		mg/Kg		105	70 - 130		
m,p-Xylenes			0.200	0.2041		mg/Kg		102	70 - 130		
o-Xylene			0.100	0.1072		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-50815/2-A
Matrix: Solid
Analysis Batch: 50912

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50815

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1213		mg/Kg		121	70 - 130	12	35
Toluene			0.100	0.1238		mg/Kg		124	70 - 130	12	35
Ethylbenzene			0.100	0.1160		mg/Kg		116	70 - 130	10	35
m,p-Xylenes			0.200	0.2246		mg/Kg		112	70 - 130	10	35
o-Xylene			0.100	0.1173		mg/Kg		117	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 880-26816-81 MS
Matrix: Solid
Analysis Batch: 50912

Client Sample ID: CF-154-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50815

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F2 F1	0.0998	0.01473	F1	mg/Kg		15	70 - 130		
Toluene	<0.00200	U F2 F1	0.0998	0.01569	F1	mg/Kg		16	70 - 130		
Ethylbenzene	<0.00200	U F2 F1	0.0998	0.02167	F1	mg/Kg		22	70 - 130		
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.03826	F1	mg/Kg		19	70 - 130		
o-Xylene	<0.00200	U F2 F1	0.0998	0.02388	F1	mg/Kg		24	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26816-81 MS
Matrix: Solid
Analysis Batch: 50912

Client Sample ID: CF-154-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50815

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	70		70 - 130

Lab Sample ID: 880-26816-81 MSD
Matrix: Solid
Analysis Batch: 50912

Client Sample ID: CF-154-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50815

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.0990	0.08488	F2	mg/Kg		86	70 - 130	141	35
Toluene	<0.00200	U F2 F1	0.0990	0.07830	F2	mg/Kg		79	70 - 130	133	35
Ethylbenzene	<0.00200	U F2 F1	0.0990	0.07721	F2	mg/Kg		78	70 - 130	112	35
m,p-Xylenes	<0.00399	U F2 F1	0.198	0.1460	F2	mg/Kg		74	70 - 130	117	35
o-Xylene	<0.00200	U F2 F1	0.0990	0.08159	F2	mg/Kg		82	70 - 130	109	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: MB 880-50817/5-A
Matrix: Solid
Analysis Batch: 50870

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50817

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/11/23 22:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/11/23 22:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/11/23 22:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/23 10:41	04/11/23 22:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 10:41	04/11/23 22:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/23 10:41	04/11/23 22:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/10/23 10:41	04/11/23 22:47	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/10/23 10:41	04/11/23 22:47	1

Lab Sample ID: LCS 880-50817/1-A
Matrix: Solid
Analysis Batch: 50870

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50817

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08898		mg/Kg		89	70 - 130		
Toluene			0.100	0.09560		mg/Kg		96	70 - 130		
Ethylbenzene			0.100	0.1024		mg/Kg		102	70 - 130		
m,p-Xylenes			0.200	0.2117		mg/Kg		106	70 - 130		
o-Xylene			0.100	0.09494		mg/Kg		95	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-50817/1-A
Matrix: Solid
Analysis Batch: 50870

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50817

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-50817/2-A
Matrix: Solid
Analysis Batch: 50870

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50817

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08929		mg/Kg		89	70 - 130	0	35
Toluene			0.100	0.09200		mg/Kg		92	70 - 130	4	35
Ethylbenzene			0.100	0.09739		mg/Kg		97	70 - 130	5	35
m,p-Xylenes			0.200	0.2002		mg/Kg		100	70 - 130	6	35
o-Xylene			0.100	0.08944		mg/Kg		89	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-26816-102 MS
Matrix: Solid
Analysis Batch: 50870

Client Sample ID: CF-179-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50817

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0998	0.09691		mg/Kg		97	70 - 130		
Toluene	<0.00200	U	0.0998	0.1015		mg/Kg		102	70 - 130		
Ethylbenzene	<0.00200	U	0.0998	0.1057		mg/Kg		106	70 - 130		
m,p-Xylenes	<0.00400	U	0.200	0.2172		mg/Kg		109	70 - 130		
o-Xylene	<0.00200	U	0.0998	0.09721		mg/Kg		97	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-26816-102 MSD
Matrix: Solid
Analysis Batch: 50870

Client Sample ID: CF-179-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50817

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.08313		mg/Kg		84	70 - 130	15	35
Toluene	<0.00200	U	0.0990	0.08873		mg/Kg		90	70 - 130	13	35
Ethylbenzene	<0.00200	U	0.0990	0.09269		mg/Kg		94	70 - 130	13	35
m,p-Xylenes	<0.00400	U	0.198	0.1884		mg/Kg		95	70 - 130	14	35
o-Xylene	<0.00200	U	0.0990	0.08476		mg/Kg		86	70 - 130	14	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-50821/5-A
Matrix: Solid
Analysis Batch: 50944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50821

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 11:27	04/12/23 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 11:27	04/12/23 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 11:27	04/12/23 11:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/23 11:27	04/12/23 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 11:27	04/12/23 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/23 11:27	04/12/23 11:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/10/23 11:27*	*04/12/23 11:20*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/10/23 11:27*	*04/12/23 11:20*	*1*

Lab Sample ID: MB 880-50846/5-A
Matrix: Solid
Analysis Batch: 50870

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50846

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 16:18	04/11/23 11:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 16:18	04/11/23 11:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 16:18	04/11/23 11:26	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/23 16:18	04/11/23 11:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 16:18	04/11/23 11:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/23 16:18	04/11/23 11:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/10/23 16:18*	*04/11/23 11:26*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/10/23 16:18*	*04/11/23 11:26*	*1*

Lab Sample ID: MB 880-50869/8
Matrix: Solid
Analysis Batch: 50869

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			04/11/23 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg			04/11/23 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			04/11/23 12:03	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg			04/11/23 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			04/11/23 12:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			04/11/23 12:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*04/11/23 12:03*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*		*04/11/23 12:03*	*1*

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-50944/61
Matrix: Solid
Analysis Batch: 50944

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			04/13/23 07:56	1
Toluene	<0.00200	U	0.00200		mg/Kg			04/13/23 07:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			04/13/23 07:56	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg			04/13/23 07:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			04/13/23 07:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			04/13/23 07:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*04/13/23 07:56*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*		*04/13/23 07:56*	*1*

Lab Sample ID: LCS 880-50944/56
Matrix: Solid
Analysis Batch: 50944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09685		mg/Kg		97	70 - 130		
Toluene			0.100	0.09742		mg/Kg		97	70 - 130		
Ethylbenzene			0.100	0.09222		mg/Kg		92	70 - 130		
m,p-Xylenes			0.200	0.1841		mg/Kg		92	70 - 130		
o-Xylene			0.100	0.09401		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-50944/57
Matrix: Solid
Analysis Batch: 50944

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1007		mg/Kg		101	70 - 130	4	35
Toluene			0.100	0.09864		mg/Kg		99	70 - 130	1	35
Ethylbenzene			0.100	0.09109		mg/Kg		91	70 - 130	1	35
m,p-Xylenes			0.200	0.1814		mg/Kg		91	70 - 130	1	35
o-Xylene			0.100	0.09419		mg/Kg		94	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 880-50997/5-A
Matrix: Solid
Analysis Batch: 50944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50997

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/23 14:22	04/12/23 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/23 14:22	04/12/23 23:25	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-50997/5-A
Matrix: Solid
Analysis Batch: 50944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50997

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/23 14:22	04/12/23 23:25	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/12/23 14:22	04/12/23 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/23 14:22	04/12/23 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/23 14:22	04/12/23 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/12/23 14:22*	*04/12/23 23:25*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/12/23 14:22*	*04/12/23 23:25*	*1*

Lab Sample ID: LCS 880-50997/1-A
Matrix: Solid
Analysis Batch: 50944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50997

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1133		mg/Kg		113	70 - 130
Toluene	0.100	0.1088		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.09985		mg/Kg		100	70 - 130
m,p-Xylenes	0.200	0.1948		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09845		mg/Kg		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-50997/2-A
Matrix: Solid
Analysis Batch: 50944

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50997

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1088		mg/Kg		109	70 - 130	4	35
Toluene	0.100	0.1056		mg/Kg		106	70 - 130	3	35
Ethylbenzene	0.100	0.09544		mg/Kg		95	70 - 130	5	35
m,p-Xylenes	0.200	0.1885		mg/Kg		94	70 - 130	3	35
o-Xylene	0.100	0.09655		mg/Kg		97	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-50538/1-A
Matrix: Solid
Analysis Batch: 50652

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50538

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 08:48	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-50538/1-A
Matrix: Solid
Analysis Batch: 50652

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50538

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 08:48	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:44	04/08/23 08:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/06/23 15:44*	*04/08/23 08:48*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/06/23 15:44*	*04/08/23 08:48*	*1*

Lab Sample ID: LCS 880-50538/2-A
Matrix: Solid
Analysis Batch: 50652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50538

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	973.2		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1044		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*110*		*70 - 130*
o-Terphenyl (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-50538/3-A
Matrix: Solid
Analysis Batch: 50652

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50538

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	956.2		mg/Kg		96	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1060		mg/Kg		106	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*111*		*70 - 130*
o-Terphenyl (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 880-50539/1-A
Matrix: Solid
Analysis Batch: 50652

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50539

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/08/23 20:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/08/23 20:26	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 15:49	04/08/23 20:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*04/06/23 15:49*	*04/08/23 20:26*	*1*

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-50539/1-A
Matrix: Solid
Analysis Batch: 50652

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50539

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	106		70 - 130	04/06/23 15:49	04/08/23 20:26	1

Lab Sample ID: LCS 880-50539/2-A
Matrix: Solid
Analysis Batch: 50652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50539

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	916.1		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	962.4		mg/Kg		96	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-50539/3-A
Matrix: Solid
Analysis Batch: 50652

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50539

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	958.9		mg/Kg		96	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	945.4		mg/Kg		95	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: 880-26816-15 MS
Matrix: Solid
Analysis Batch: 50652

Client Sample ID: CF-203-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50539

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1100		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1110		mg/Kg		110	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	132	S1+	70 - 130
o-Terphenyl (Surr)	100		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-26816-15 MSD
Matrix: Solid
Analysis Batch: 50652

Client Sample ID: CF-203-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50539

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1153		mg/Kg		113	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1140		mg/Kg		112	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*135*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 880-50555/1-A
Matrix: Solid
Analysis Batch: 50570

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50555

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/23 17:46	04/07/23 08:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/23 17:46	04/07/23 08:12	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/23 17:46	04/07/23 08:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*134*	*S1+*	*70 - 130*	*04/06/23 17:46*	*04/07/23 08:12*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*04/06/23 17:46*	*04/07/23 08:12*	*1*

Lab Sample ID: LCS 880-50555/2-A
Matrix: Solid
Analysis Batch: 50570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50555

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1129		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1140		mg/Kg		114	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*131*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-50555/3-A
Matrix: Solid
Analysis Batch: 50570

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50555

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	983.7		mg/Kg		98	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	980.1		mg/Kg		98	70 - 130	15	20

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-50555/3-A
Matrix: Solid
Analysis Batch: 50570

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50555

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	107		70 - 130
o-Terphenyl (Surr)	95		70 - 130

Lab Sample ID: MB 880-50607/1-A
Matrix: Solid
Analysis Batch: 50708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50607

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 08:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 08:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:10	04/09/23 08:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130	04/07/23 11:10	04/09/23 08:36	1
o-Terphenyl (Surr)	95		70 - 130	04/07/23 11:10	04/09/23 08:36	1

Lab Sample ID: LCS 880-50607/2-A
Matrix: Solid
Analysis Batch: 50708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50607

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1066		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	805.9		mg/Kg		81	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	83		70 - 130

Lab Sample ID: LCSD 880-50607/3-A
Matrix: Solid
Analysis Batch: 50708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50607

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1050		mg/Kg		105	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	815.3		mg/Kg		82	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	93		70 - 130
o-Terphenyl (Surr)	81		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-26816-36 MS
Matrix: Solid
Analysis Batch: 50708

Client Sample ID: CF-224-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50607

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1036		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1025		mg/Kg		100	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*108*		*70 - 130*
o-Terphenyl (Surr)	*82*		*70 - 130*

Lab Sample ID: 880-26816-36 MSD
Matrix: Solid
Analysis Batch: 50708

Client Sample ID: CF-224-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50607

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1030		mg/Kg		99	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1027		mg/Kg		100	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*108*		*70 - 130*
o-Terphenyl (Surr)	*82*		*70 - 130*

Lab Sample ID: MB 880-50608/1-A
Matrix: Solid
Analysis Batch: 50708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50608

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/09/23 19:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/09/23 19:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 11:18	04/09/23 19:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/07/23 11:18*	*04/09/23 19:59*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/07/23 11:18*	*04/09/23 19:59*	*1*

Lab Sample ID: LCS 880-50608/2-A
Matrix: Solid
Analysis Batch: 50708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50608

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1121		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)			1000	862.0		mg/Kg		86	70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-50608/2-A
Matrix: Solid
Analysis Batch: 50708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50608

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	85		70 - 130

Lab Sample ID: LCSD 880-50608/3-A
Matrix: Solid
Analysis Batch: 50708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50608

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	925.7		mg/Kg		93	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	953.1		mg/Kg		95	70 - 130	10	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	105		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: 880-26816-56 MS
Matrix: Solid
Analysis Batch: 50708

Client Sample ID: CF-244-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50608

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	1142		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1135		mg/Kg		114	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	122		70 - 130
o-Terphenyl (Surr)	89		70 - 130

Lab Sample ID: 880-26816-56 MSD
Matrix: Solid
Analysis Batch: 50708

Client Sample ID: CF-244-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50608

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	1089		mg/Kg		105	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.8	U	997	1112		mg/Kg		112	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	119		70 - 130
o-Terphenyl (Surr)	87		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-50622/1-A
Matrix: Solid
Analysis Batch: 50710

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50622

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 08:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 08:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:29	04/09/23 08:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*04/07/23 14:29*	*04/09/23 08:36*	*1*
o-Terphenyl (Surr)	*139*	*S1+*	*70 - 130*	*04/07/23 14:29*	*04/09/23 08:36*	*1*

Lab Sample ID: LCS 880-50622/2-A
Matrix: Solid
Analysis Batch: 50710

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50622

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1145		mg/Kg		115	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1043		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*124*		*70 - 130*
o-Terphenyl (Surr)	*140*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-50622/3-A
Matrix: Solid
Analysis Batch: 50710

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50622

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1113		mg/Kg		111	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	982.4		mg/Kg		98	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*111*		*70 - 130*
o-Terphenyl (Surr)	*125*		*70 - 130*

Lab Sample ID: 880-26816-76 MS
Matrix: Solid
Analysis Batch: 50710

Client Sample ID: CF-069-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50622

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	966.8		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	998	1119		mg/Kg		112	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-26816-76 MS
Matrix: Solid
Analysis Batch: 50710

Client Sample ID: CF-069-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50622

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	105		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: 880-26816-76 MSD
Matrix: Solid
Analysis Batch: 50710

Client Sample ID: CF-069-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50622

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	1023		mg/Kg		100	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	1165		mg/Kg		116	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	110		70 - 130
o-Terphenyl (Surr)	109		70 - 130

Lab Sample ID: MB 880-50623/1-A
Matrix: Solid
Analysis Batch: 50710

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50623

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/09/23 19:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/09/23 19:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:33	04/09/23 19:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	124		70 - 130	04/07/23 14:33	04/09/23 19:59	1
o-Terphenyl (Surr)	145	S1+	70 - 130	04/07/23 14:33	04/09/23 19:59	1

Lab Sample ID: LCS 880-50623/2-A
Matrix: Solid
Analysis Batch: 50710

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50623

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1066		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	922.5		mg/Kg		92	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	125		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-50623/3-A
Matrix: Solid
Analysis Batch: 50710

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50623

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1100		mg/Kg		110	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	935.8		mg/Kg		94	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*107*		*70 - 130*
o-Terphenyl (Surr)	*122*		*70 - 130*

Lab Sample ID: 880-26816-96 MS
Matrix: Solid
Analysis Batch: 50710

Client Sample ID: CF-173-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50623

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	1006		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	998	1111		mg/Kg		111	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*100*		*70 - 130*
o-Terphenyl (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-26816-96 MSD
Matrix: Solid
Analysis Batch: 50710

Client Sample ID: CF-173-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50623

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	991.2		mg/Kg		99	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U	997	1161		mg/Kg		116	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*102*		*70 - 130*
o-Terphenyl (Surr)	*103*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-50699/1-A
Matrix: Solid
Analysis Batch: 50905

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/10/23 18:33	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-50699/2-A
Matrix: Solid
Analysis Batch: 50905

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	252.1		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-50699/3-A
Matrix: Solid
Analysis Batch: 50905

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	253.0		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-26816-1 MS
Matrix: Solid
Analysis Batch: 50905

Client Sample ID: CF-189-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	33.3		251	285.8		mg/Kg		101	90 - 110		

Lab Sample ID: 880-26816-1 MSD
Matrix: Solid
Analysis Batch: 50905

Client Sample ID: CF-189-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	33.3		251	286.9		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-26816-11 MS
Matrix: Solid
Analysis Batch: 50905

Client Sample ID: CF-199-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	38.4		251	293.5		mg/Kg		102	90 - 110		

Lab Sample ID: 880-26816-11 MSD
Matrix: Solid
Analysis Batch: 50905

Client Sample ID: CF-199-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	38.4		251	294.6		mg/Kg		102	90 - 110	0	20

Lab Sample ID: MB 880-50700/1-A
Matrix: Solid
Analysis Batch: 50906

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/11/23 11:28	1

Lab Sample ID: LCS 880-50700/2-A
Matrix: Solid
Analysis Batch: 50906

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	258.3		mg/Kg		103	90 - 110		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-50700/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50906

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	256.6		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-26816-21 MS — **Client Sample ID: CF-209-00.3-NA-P**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50906

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	35.2	F1	249	319.4	F1	mg/Kg		114	90 - 110		

Lab Sample ID: 880-26816-21 MSD — **Client Sample ID: CF-209-00.3-NA-P**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50906

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	35.2	F1	249	319.3	F1	mg/Kg		114	90 - 110	0	20

Lab Sample ID: 880-26816-31 MS — **Client Sample ID: CF-219-00.3-NA-P**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50906

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	38.3		252	299.7		mg/Kg		104	90 - 110		

Lab Sample ID: 880-26816-31 MSD — **Client Sample ID: CF-219-00.3-NA-P**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50906

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	38.3		252	299.6		mg/Kg		104	90 - 110	0	20

Lab Sample ID: MB 880-50701/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50908

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/11/23 21:38	1

Lab Sample ID: LCS 880-50701/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50908

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	246.9		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-50701/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50908

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	247.8		mg/Kg		99	90 - 110	0	20

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26816-41 MS — **Client Sample ID: CF-229-00.3-NA-P**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50908

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	35.6		252	305.1		mg/Kg		107	90 - 110

Lab Sample ID: 880-26816-41 MSD — **Client Sample ID: CF-229-00.3-NA-P**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50908

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	35.6		252	306.0		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-26816-51 MS — **Client Sample ID: CF-239-00.3-NA-P**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50908

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	40.5		253	311.5		mg/Kg		107	90 - 110

Lab Sample ID: 880-26816-51 MSD — **Client Sample ID: CF-239-00.3-NA-P**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50908

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	40.5		253	312.0		mg/Kg		108	90 - 110	0	20

Lab Sample ID: MB 880-50702/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50909

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/10/23 21:50	1

Lab Sample ID: LCS 880-50702/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.4		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-50702/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50909

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	244.2		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 880-26816-61 MS — **Client Sample ID: CF-249-00.3-NA-P**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 50909

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	32.1		253	309.4		mg/Kg		110	90 - 110

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26816-61 MSD
Matrix: Solid
Analysis Batch: 50909

Client Sample ID: CF-249-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	32.1		253	310.2		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-26816-71 MS
Matrix: Solid
Analysis Batch: 50909

Client Sample ID: CF-259-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0		251	302.5		mg/Kg		101	90 - 110

Lab Sample ID: 880-26816-71 MSD
Matrix: Solid
Analysis Batch: 50909

Client Sample ID: CF-259-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	50.0		251	300.8		mg/Kg		100	90 - 110	1	20

Lab Sample ID: MB 880-50703/1-A
Matrix: Solid
Analysis Batch: 50910

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/10/23 19:11	1

Lab Sample ID: LCS 880-50703/2-A
Matrix: Solid
Analysis Batch: 50910

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.1		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-50703/3-A
Matrix: Solid
Analysis Batch: 50910

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242.1		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-26816-81 MS
Matrix: Solid
Analysis Batch: 50910

Client Sample ID: CF-154-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	88.5		250	358.7		mg/Kg		108	90 - 110

Lab Sample ID: 880-26816-81 MSD
Matrix: Solid
Analysis Batch: 50910

Client Sample ID: CF-154-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	88.5		250	357.9		mg/Kg		108	90 - 110	0	20

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26816-91 MS
Matrix: Solid
Analysis Batch: 50910

Client Sample ID: CF-164-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	87.8		249	321.5		mg/Kg		94	90 - 110

Lab Sample ID: 880-26816-91 MSD
Matrix: Solid
Analysis Batch: 50910

Client Sample ID: CF-164-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	87.8		249	321.4		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-50704/1-A
Matrix: Solid
Analysis Batch: 50911

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/23 03:27	1

Lab Sample ID: LCS 880-50704/2-A
Matrix: Solid
Analysis Batch: 50911

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	255.8		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-50704/3-A
Matrix: Solid
Analysis Batch: 50911

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	250.8		mg/Kg		100	90 - 110	2	20

Lab Sample ID: 880-26816-101 MS
Matrix: Solid
Analysis Batch: 50911

Client Sample ID: CF-178-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.7		249	295.8		mg/Kg		107	90 - 110

Lab Sample ID: 880-26816-101 MSD
Matrix: Solid
Analysis Batch: 50911

Client Sample ID: CF-178-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	30.7		249	295.9		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-26816-111 MS
Matrix: Solid
Analysis Batch: 50911

Client Sample ID: CF-188-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	55.2		250	284.7		mg/Kg		92	90 - 110

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26816-111 MSD
Matrix: Solid
Analysis Batch: 50911

Client Sample ID: CF-188-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	55.2		250	284.0		mg/Kg		92	90 - 110	0	20

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC VOA

Prep Batch: 50531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-50531/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 50532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-1	CF-189-00.3-NA-P	Total/NA	Solid	5035	
880-26816-2	CF-190-00.3-NA-P	Total/NA	Solid	5035	
880-26816-3	CF-191-00.3-NA-P	Total/NA	Solid	5035	
880-26816-4	CF-0192-00.3-NA-P	Total/NA	Solid	5035	
880-26816-5	CF-193-00.3-NA-P	Total/NA	Solid	5035	
880-26816-6	CF-194-00.3-NA-P	Total/NA	Solid	5035	
880-26816-7	CF-195-00.3-NA-P	Total/NA	Solid	5035	
880-26816-8	CF-196-00.3-NA-P	Total/NA	Solid	5035	
880-26816-9	CF-197-00.3-NA-P	Total/NA	Solid	5035	
880-26816-10	CF-198-00.3-NA-P	Total/NA	Solid	5035	
880-26816-11	CF-199-00.3-NA-P	Total/NA	Solid	5035	
880-26816-12	CF-200-00.3-NA-P	Total/NA	Solid	5035	
880-26816-13	CF-201-00.3-NA-P	Total/NA	Solid	5035	
880-26816-14	CF-202-00.3-NA-P	Total/NA	Solid	5035	
880-26816-15	CF-203-00.3-NA-P	Total/NA	Solid	5035	
880-26816-16	CF-204-00.3-NA-P	Total/NA	Solid	5035	
880-26816-17	CF-205-00.3-NA-P	Total/NA	Solid	5035	
880-26816-18	CF-206-00.3-NA-P	Total/NA	Solid	5035	
880-26816-19	CF-207-00.3-NA-P	Total/NA	Solid	5035	
880-26816-20	CF-208-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50532/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50532/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50532/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26816-1 MS	CF-189-00.3-NA-P	Total/NA	Solid	5035	
880-26816-1 MSD	CF-189-00.3-NA-P	Total/NA	Solid	5035	

Prep Batch: 50533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-21	CF-209-00.3-NA-P	Total/NA	Solid	5035	
880-26816-22	CF-210-00.3-NA-P	Total/NA	Solid	5035	
880-26816-23	CF-211-00.3-NA-P	Total/NA	Solid	5035	
880-26816-24	CF-212-00.3-NA-P	Total/NA	Solid	5035	
880-26816-25	CF-213-00.3-NA-P	Total/NA	Solid	5035	
880-26816-26	CF-214-00.3-NA-P	Total/NA	Solid	5035	
880-26816-27	CF-215-00.3-NA-P	Total/NA	Solid	5035	
880-26816-28	CF-216-00.3-NA-P	Total/NA	Solid	5035	
880-26816-29	CF-217-00.3-NA-P	Total/NA	Solid	5035	
880-26816-30	CF-218-00.3-NA-P	Total/NA	Solid	5035	
880-26816-31	CF-219-00.3-NA-P	Total/NA	Solid	5035	
880-26816-32	CF-220-00.3-NA-P	Total/NA	Solid	5035	
880-26816-33	CF-221-00.3-NA-P	Total/NA	Solid	5035	
880-26816-34	CF-222-00.3-NA-P	Total/NA	Solid	5035	
880-26816-35	CF-223-00.3-NA-P	Total/NA	Solid	5035	
880-26816-36	CF-224-00.3-NA-P	Total/NA	Solid	5035	
880-26816-37	CF-225-00.3-NA-P	Total/NA	Solid	5035	
880-26816-38	CF-226-00.3-NA-P	Total/NA	Solid	5035	
880-26816-39	CF-227-00.3-NA-P	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC VOA (Continued)

Prep Batch: 50533 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-40	CF-228-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50533/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50533/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50533/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26816-21 MS	CF-209-00.3-NA-P	Total/NA	Solid	5035	
880-26816-21 MSD	CF-209-00.3-NA-P	Total/NA	Solid	5035	

Prep Batch: 50534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-41	CF-229-00.3-NA-P	Total/NA	Solid	5035	
880-26816-42	CF-230-00.3-NA-P	Total/NA	Solid	5035	
880-26816-43	CF-231-00.3-NA-P	Total/NA	Solid	5035	
880-26816-44	CF-232-00.3-NA-P	Total/NA	Solid	5035	
880-26816-45	CF-233-00.3-NA-P	Total/NA	Solid	5035	
880-26816-46	CF-234-00.3-NA-P	Total/NA	Solid	5035	
880-26816-47	CF-235-00.3-NA-P	Total/NA	Solid	5035	
880-26816-48	CF-236-00.3-NA-P	Total/NA	Solid	5035	
880-26816-49	CF-237-00.3-NA-P	Total/NA	Solid	5035	
880-26816-50	CF-238-00.3-NA-P	Total/NA	Solid	5035	
880-26816-51	CF-239-00.3-NA-P	Total/NA	Solid	5035	
880-26816-52	CF-240-00.3-NA-P	Total/NA	Solid	5035	
880-26816-53	CF-241-00.3-NA-P	Total/NA	Solid	5035	
880-26816-54	CF-242-00.3-NA-P	Total/NA	Solid	5035	
880-26816-55	CF-243-00.3-NA-P	Total/NA	Solid	5035	
880-26816-56	CF-244-00.3-NA-P	Total/NA	Solid	5035	
880-26816-57	CF-245-00.3-NA-P	Total/NA	Solid	5035	
880-26816-58	CF-246-00.3-NA-P	Total/NA	Solid	5035	
880-26816-59	CF-247-00.3-NA-P	Total/NA	Solid	5035	
880-26816-60	CF-248-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50534/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50534/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50534/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26816-41 MS	CF-229-00.3-NA-P	Total/NA	Solid	5035	
880-26816-41 MSD	CF-229-00.3-NA-P	Total/NA	Solid	5035	

Prep Batch: 50537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-61	CF-249-00.3-NA-P	Total/NA	Solid	5035	
880-26816-62	CF-250-00.3-NA-P	Total/NA	Solid	5035	
880-26816-63	CF-251-00.3-NA-P	Total/NA	Solid	5035	
880-26816-64	CF-252-00.3-NA-P	Total/NA	Solid	5035	
880-26816-65	CF-253-00.3-NA-P	Total/NA	Solid	5035	
880-26816-66	CF-254-00.3-NA-P	Total/NA	Solid	5035	
880-26816-67	CF-255-00.3-NA-P	Total/NA	Solid	5035	
880-26816-68	CF-256-00.3-NA-P	Total/NA	Solid	5035	
880-26816-69	CF-257-00.3-NA-P	Total/NA	Solid	5035	
880-26816-70	CF-258-00.3-NA-P	Total/NA	Solid	5035	
880-26816-71	CF-259-00.3-NA-P	Total/NA	Solid	5035	
880-26816-72	CF-260-00.3-NA-P	Total/NA	Solid	5035	
880-26816-73	CF-261-00.3-NA-P	Total/NA	Solid	5035	
880-26816-74	CF-008-04.0-NA-P	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC VOA (Continued)

Prep Batch: 50537 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-75	CF-064-00.3-NA-P	Total/NA	Solid	5035	
880-26816-76	CF-069-00.3-NA-P	Total/NA	Solid	5035	
880-26816-77	CF-169-00.3-NA-P	Total/NA	Solid	5035	
880-26816-79	CF-171-00.3-NA-P	Total/NA	Solid	5035	
880-26816-80	CF-172-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50537/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50537/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50537/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26816-61 MS	CF-249-00.3-NA-P	Total/NA	Solid	5035	
880-26816-61 MSD	CF-249-00.3-NA-P	Total/NA	Solid	5035	

Analysis Batch: 50768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-41	CF-229-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-42	CF-230-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-43	CF-231-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-44	CF-232-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-45	CF-233-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-46	CF-234-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-47	CF-235-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-48	CF-236-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-49	CF-237-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-50	CF-238-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-51	CF-239-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-52	CF-240-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-53	CF-241-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-54	CF-242-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-55	CF-243-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-56	CF-244-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-57	CF-245-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-58	CF-246-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-59	CF-247-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-60	CF-248-00.3-NA-P	Total/NA	Solid	8021B	50534
MB 880-50531/5-A	Method Blank	Total/NA	Solid	8021B	50531
MB 880-50534/5-A	Method Blank	Total/NA	Solid	8021B	50534
LCS 880-50534/1-A	Lab Control Sample	Total/NA	Solid	8021B	50534
LCSD 880-50534/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50534
880-26816-41 MS	CF-229-00.3-NA-P	Total/NA	Solid	8021B	50534
880-26816-41 MSD	CF-229-00.3-NA-P	Total/NA	Solid	8021B	50534

Analysis Batch: 50771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-1	CF-189-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-2	CF-190-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-3	CF-191-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-4	CF-0192-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-5	CF-193-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-6	CF-194-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-7	CF-195-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-8	CF-196-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-9	CF-197-00.3-NA-P	Total/NA	Solid	8021B	50532

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC VOA (Continued)

Analysis Batch: 50771 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-10	CF-198-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-11	CF-199-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-12	CF-200-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-13	CF-201-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-14	CF-202-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-15	CF-203-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-16	CF-204-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-17	CF-205-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-18	CF-206-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-19	CF-207-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-20	CF-208-00.3-NA-P	Total/NA	Solid	8021B	50532
MB 880-50532/5-A	Method Blank	Total/NA	Solid	8021B	50532
MB 880-50771/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-50532/1-A	Lab Control Sample	Total/NA	Solid	8021B	50532
LCSD 880-50532/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50532
880-26816-1 MS	CF-189-00.3-NA-P	Total/NA	Solid	8021B	50532
880-26816-1 MSD	CF-189-00.3-NA-P	Total/NA	Solid	8021B	50532

Prep Batch: 50815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-81	CF-154-00.3-NA-P	Total/NA	Solid	5035	
880-26816-82	CF-155-00.3-NA-P	Total/NA	Solid	5035	
880-26816-83	CF-156-00.3-NA-P	Total/NA	Solid	5035	
880-26816-84	CF-157-00.3-NA-P	Total/NA	Solid	5035	
880-26816-85	CF-158-00.3-NA-P	Total/NA	Solid	5035	
880-26816-86	CF-159-00.3-NA-P	Total/NA	Solid	5035	
880-26816-87	CF-160-00.3-NA-P	Total/NA	Solid	5035	
880-26816-89	CF-162-00.3-NA-P	Total/NA	Solid	5035	
880-26816-90	CF-163-00.3-NA-P	Total/NA	Solid	5035	
880-26816-91	CF-164-00.3-NA-P	Total/NA	Solid	5035	
880-26816-92	CF-165-00.3-NA-P	Total/NA	Solid	5035	
880-26816-93	CF-166-00.3-NA-P	Total/NA	Solid	5035	
880-26816-94	CF-167-00.3-NA-P	Total/NA	Solid	5035	
880-26816-95	CF-168-00.3-NA-P	Total/NA	Solid	5035	
880-26816-96	CF-173-00.3-NA-P	Total/NA	Solid	5035	
880-26816-97	CF-174-00.3-NA-P	Total/NA	Solid	5035	
880-26816-98	CF-175-00.3-NA-P	Total/NA	Solid	5035	
880-26816-99	CF-176-00.3-NA-P	Total/NA	Solid	5035	
880-26816-100	CF-177-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50815/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50815/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50815/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26816-81 MS	CF-154-00.3-NA-P	Total/NA	Solid	5035	
880-26816-81 MSD	CF-154-00.3-NA-P	Total/NA	Solid	5035	

Prep Batch: 50817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-88	CF-161-00.3-NA-P	Total/NA	Solid	5035	
880-26816-102	CF-179-00.3-NA-P	Total/NA	Solid	5035	
880-26816-103	CF-180-00.3-NA-P	Total/NA	Solid	5035	
880-26816-104	CF-181-00.3-NA-P	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC VOA (Continued)

Prep Batch: 50817 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-105	CF-182-00.3-NA-P	Total/NA	Solid	5035	
880-26816-106	CF-183-00.3-NA-P	Total/NA	Solid	5035	
880-26816-107	CF-184-00.3-NA-P	Total/NA	Solid	5035	
880-26816-108	CF-185-00.3-NA-P	Total/NA	Solid	5035	
880-26816-109	CF-186-00.3-NA-P	Total/NA	Solid	5035	
880-26816-110	CF-187-00.3-NA-P	Total/NA	Solid	5035	
880-26816-111	CF-188-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50817/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50817/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50817/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26816-102 MS	CF-179-00.3-NA-P	Total/NA	Solid	5035	
880-26816-102 MSD	CF-179-00.3-NA-P	Total/NA	Solid	5035	

Prep Batch: 50821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-50821/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 50846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-50846/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 50869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-21	CF-209-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-22	CF-210-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-23	CF-211-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-24	CF-212-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-25	CF-213-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-26	CF-214-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-27	CF-215-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-28	CF-216-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-29	CF-217-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-30	CF-218-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-31	CF-219-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-32	CF-220-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-33	CF-221-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-34	CF-222-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-35	CF-223-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-36	CF-224-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-37	CF-225-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-38	CF-226-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-39	CF-227-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-40	CF-228-00.3-NA-P	Total/NA	Solid	8021B	50533
MB 880-50533/5-A	Method Blank	Total/NA	Solid	8021B	50533
MB 880-50869/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-50533/1-A	Lab Control Sample	Total/NA	Solid	8021B	50533
LCSD 880-50533/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50533
880-26816-21 MS	CF-209-00.3-NA-P	Total/NA	Solid	8021B	50533
880-26816-21 MSD	CF-209-00.3-NA-P	Total/NA	Solid	8021B	50533

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC VOA

Analysis Batch: 50870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-88	CF-161-00.3-NA-P	Total/NA	Solid	8021B	50817
880-26816-102	CF-179-00.3-NA-P	Total/NA	Solid	8021B	50817
880-26816-103	CF-180-00.3-NA-P	Total/NA	Solid	8021B	50817
880-26816-104	CF-181-00.3-NA-P	Total/NA	Solid	8021B	50817
880-26816-105	CF-182-00.3-NA-P	Total/NA	Solid	8021B	50817
880-26816-106	CF-183-00.3-NA-P	Total/NA	Solid	8021B	50817
880-26816-107	CF-184-00.3-NA-P	Total/NA	Solid	8021B	50817
880-26816-108	CF-185-00.3-NA-P	Total/NA	Solid	8021B	50817
880-26816-109	CF-186-00.3-NA-P	Total/NA	Solid	8021B	50817
880-26816-110	CF-187-00.3-NA-P	Total/NA	Solid	8021B	50817
880-26816-111	CF-188-00.3-NA-P	Total/NA	Solid	8021B	50817
MB 880-50817/5-A	Method Blank	Total/NA	Solid	8021B	50817
MB 880-50846/5-A	Method Blank	Total/NA	Solid	8021B	50846
LCS 880-50817/1-A	Lab Control Sample	Total/NA	Solid	8021B	50817
LCSD 880-50817/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50817
880-26816-102 MS	CF-179-00.3-NA-P	Total/NA	Solid	8021B	50817
880-26816-102 MSD	CF-179-00.3-NA-P	Total/NA	Solid	8021B	50817

Analysis Batch: 50888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-1	CF-189-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-2	CF-190-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-3	CF-191-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-4	CF-0192-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-5	CF-193-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-6	CF-194-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-7	CF-195-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-8	CF-196-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-9	CF-197-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-10	CF-198-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-11	CF-199-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-12	CF-200-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-13	CF-201-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-14	CF-202-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-15	CF-203-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-16	CF-204-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-17	CF-205-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-18	CF-206-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-19	CF-207-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-20	CF-208-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-21	CF-209-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-22	CF-210-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-23	CF-211-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-24	CF-212-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-25	CF-213-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-26	CF-214-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-27	CF-215-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-28	CF-216-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-29	CF-217-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-30	CF-218-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-31	CF-219-00.3-NA-P	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC VOA (Continued)

Analysis Batch: 50888 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-32	CF-220-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-33	CF-221-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-34	CF-222-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-35	CF-223-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-36	CF-224-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-37	CF-225-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-38	CF-226-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-39	CF-227-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-40	CF-228-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-41	CF-229-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-42	CF-230-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-43	CF-231-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-44	CF-232-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-45	CF-233-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-46	CF-234-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-47	CF-235-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-48	CF-236-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-49	CF-237-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-50	CF-238-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-51	CF-239-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-52	CF-240-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-53	CF-241-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-54	CF-242-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-55	CF-243-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-56	CF-244-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-57	CF-245-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-58	CF-246-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-59	CF-247-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-60	CF-248-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-61	CF-249-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-62	CF-250-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-63	CF-251-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-64	CF-252-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-65	CF-253-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-66	CF-254-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-67	CF-255-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-68	CF-256-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-69	CF-257-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-70	CF-258-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-71	CF-259-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-72	CF-260-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-73	CF-261-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-74	CF-008-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26816-75	CF-064-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-76	CF-069-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-77	CF-169-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-78	CF-170-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-79	CF-171-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-80	CF-172-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-81	CF-154-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-82	CF-155-00.3-NA-P	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC VOA (Continued)

Analysis Batch: 50888 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-83	CF-156-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-84	CF-157-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-85	CF-158-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-86	CF-159-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-87	CF-160-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-88	CF-161-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-89	CF-162-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-90	CF-163-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-91	CF-164-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-92	CF-165-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-93	CF-166-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-94	CF-167-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-95	CF-168-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-96	CF-173-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-97	CF-174-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-98	CF-175-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-99	CF-176-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-100	CF-177-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-101	CF-178-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-102	CF-179-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-103	CF-180-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-104	CF-181-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-105	CF-182-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-106	CF-183-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-107	CF-184-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-108	CF-185-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-109	CF-186-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-110	CF-187-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26816-111	CF-188-00.3-NA-P	Total/NA	Solid	Total BTEX	

Analysis Batch: 50912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-61	CF-249-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-62	CF-250-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-63	CF-251-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-64	CF-252-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-65	CF-253-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-66	CF-254-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-67	CF-255-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-68	CF-256-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-69	CF-257-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-70	CF-258-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-71	CF-259-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-72	CF-260-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-73	CF-261-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-74	CF-008-04.0-NA-P	Total/NA	Solid	8021B	50537
880-26816-75	CF-064-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-76	CF-069-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-77	CF-169-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-79	CF-171-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-80	CF-172-00.3-NA-P	Total/NA	Solid	8021B	50537

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC VOA (Continued)

Analysis Batch: 50912 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-81	CF-154-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-82	CF-155-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-83	CF-156-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-84	CF-157-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-85	CF-158-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-86	CF-159-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-87	CF-160-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-89	CF-162-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-90	CF-163-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-91	CF-164-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-92	CF-165-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-93	CF-166-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-94	CF-167-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-95	CF-168-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-96	CF-173-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-97	CF-174-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-98	CF-175-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-99	CF-176-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-100	CF-177-00.3-NA-P	Total/NA	Solid	8021B	50815
MB 880-50537/5-A	Method Blank	Total/NA	Solid	8021B	50537
MB 880-50815/5-A	Method Blank	Total/NA	Solid	8021B	50815
LCS 880-50537/1-A	Lab Control Sample	Total/NA	Solid	8021B	50537
LCS 880-50815/1-A	Lab Control Sample	Total/NA	Solid	8021B	50815
LCSD 880-50537/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50537
LCSD 880-50815/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50815
880-26816-61 MS	CF-249-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-61 MSD	CF-249-00.3-NA-P	Total/NA	Solid	8021B	50537
880-26816-81 MS	CF-154-00.3-NA-P	Total/NA	Solid	8021B	50815
880-26816-81 MSD	CF-154-00.3-NA-P	Total/NA	Solid	8021B	50815

Analysis Batch: 50944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-78	CF-170-00.3-NA-P	Total/NA	Solid	8021B	50997
880-26816-101	CF-178-00.3-NA-P	Total/NA	Solid	8021B	50997
MB 880-50821/5-A	Method Blank	Total/NA	Solid	8021B	50821
MB 880-50944/61	Method Blank	Total/NA	Solid	8021B	
MB 880-50997/5-A	Method Blank	Total/NA	Solid	8021B	50997
LCS 880-50944/56	Lab Control Sample	Total/NA	Solid	8021B	
LCS 880-50997/1-A	Lab Control Sample	Total/NA	Solid	8021B	50997
LCSD 880-50944/57	Lab Control Sample Dup	Total/NA	Solid	8021B	
LCSD 880-50997/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50997

Prep Batch: 50997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-78	CF-170-00.3-NA-P	Total/NA	Solid	5035	
880-26816-101	CF-178-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50997/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50997/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50997/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA

Prep Batch: 50538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-1	CF-189-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-2	CF-190-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-3	CF-191-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-4	CF-0192-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-5	CF-193-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-6	CF-194-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-7	CF-195-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-8	CF-196-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-9	CF-197-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-10	CF-198-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-11	CF-199-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-12	CF-200-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-13	CF-201-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-14	CF-202-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50538/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50538/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50538/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 50539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-15	CF-203-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-16	CF-204-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-17	CF-205-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-18	CF-206-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-19	CF-207-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-20	CF-208-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-21	CF-209-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-22	CF-210-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-23	CF-211-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-24	CF-212-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-25	CF-213-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-26	CF-214-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-27	CF-215-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-28	CF-216-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-29	CF-217-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-30	CF-218-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-31	CF-219-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-32	CF-220-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-33	CF-221-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-34	CF-222-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50539/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50539/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50539/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26816-15 MS	CF-203-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-15 MSD	CF-203-00.3-NA-P	Total/NA	Solid	8015NM Prep	

Prep Batch: 50555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-35	CF-223-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50555/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50555/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA (Continued)

Prep Batch: 50555 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-50555/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 50570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-35	CF-223-00.3-NA-P	Total/NA	Solid	8015B NM	50555
MB 880-50555/1-A	Method Blank	Total/NA	Solid	8015B NM	50555
LCS 880-50555/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50555
LCSD 880-50555/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50555

Prep Batch: 50607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-36	CF-224-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-37	CF-225-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-38	CF-226-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-39	CF-227-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-40	CF-228-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-41	CF-229-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-42	CF-230-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-43	CF-231-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-44	CF-232-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-45	CF-233-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-46	CF-234-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-47	CF-235-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-48	CF-236-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-49	CF-237-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-50	CF-238-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-51	CF-239-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-52	CF-240-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-53	CF-241-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-54	CF-242-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-55	CF-243-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50607/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50607/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50607/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26816-36 MS	CF-224-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-36 MSD	CF-224-00.3-NA-P	Total/NA	Solid	8015NM Prep	

Prep Batch: 50608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-56	CF-244-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-57	CF-245-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-58	CF-246-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-59	CF-247-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-60	CF-248-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-61	CF-249-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-62	CF-250-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-63	CF-251-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-64	CF-252-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-65	CF-253-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-66	CF-254-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-67	CF-255-00.3-NA-P	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA (Continued)

Prep Batch: 50608 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-68	CF-256-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-69	CF-257-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-70	CF-258-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-71	CF-259-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-72	CF-260-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-73	CF-261-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-74	CF-008-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-75	CF-064-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50608/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50608/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50608/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26816-56 MS	CF-244-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-56 MSD	CF-244-00.3-NA-P	Total/NA	Solid	8015NM Prep	

Prep Batch: 50622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-76	CF-069-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-77	CF-169-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-78	CF-170-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-79	CF-171-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-80	CF-172-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-81	CF-154-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-82	CF-155-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-83	CF-156-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-84	CF-157-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-85	CF-158-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-86	CF-159-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-87	CF-160-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-88	CF-161-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-89	CF-162-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-90	CF-163-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-91	CF-164-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-92	CF-165-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-93	CF-166-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-94	CF-167-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-95	CF-168-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50622/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50622/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50622/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26816-76 MS	CF-069-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-76 MSD	CF-069-00.3-NA-P	Total/NA	Solid	8015NM Prep	

Prep Batch: 50623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-96	CF-173-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-97	CF-174-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-98	CF-175-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-99	CF-176-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-100	CF-177-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-101	CF-178-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-102	CF-179-00.3-NA-P	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA (Continued)

Prep Batch: 50623 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-103	CF-180-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-104	CF-181-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-105	CF-182-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-106	CF-183-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-107	CF-184-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-108	CF-185-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-109	CF-186-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-110	CF-187-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-111	CF-188-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50623/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50623/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50623/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26816-96 MS	CF-173-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26816-96 MSD	CF-173-00.3-NA-P	Total/NA	Solid	8015NM Prep	

Analysis Batch: 50652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-1	CF-189-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-2	CF-190-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-3	CF-191-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-4	CF-0192-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-5	CF-193-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-6	CF-194-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-7	CF-195-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-8	CF-196-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-9	CF-197-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-10	CF-198-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-11	CF-199-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-12	CF-200-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-13	CF-201-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-14	CF-202-00.3-NA-P	Total/NA	Solid	8015B NM	50538
880-26816-15	CF-203-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-16	CF-204-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-17	CF-205-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-18	CF-206-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-19	CF-207-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-20	CF-208-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-21	CF-209-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-22	CF-210-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-23	CF-211-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-24	CF-212-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-25	CF-213-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-26	CF-214-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-27	CF-215-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-28	CF-216-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-29	CF-217-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-30	CF-218-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-31	CF-219-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-32	CF-220-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-33	CF-221-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-34	CF-222-00.3-NA-P	Total/NA	Solid	8015B NM	50539

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA (Continued)

Analysis Batch: 50652 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-50538/1-A	Method Blank	Total/NA	Solid	8015B NM	50538
MB 880-50539/1-A	Method Blank	Total/NA	Solid	8015B NM	50539
LCS 880-50538/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50538
LCS 880-50539/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50539
LCSD 880-50538/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50538
LCSD 880-50539/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50539
880-26816-15 MS	CF-203-00.3-NA-P	Total/NA	Solid	8015B NM	50539
880-26816-15 MSD	CF-203-00.3-NA-P	Total/NA	Solid	8015B NM	50539

Analysis Batch: 50690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-1	CF-189-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-2	CF-190-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-3	CF-191-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-4	CF-0192-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-5	CF-193-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-6	CF-194-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-7	CF-195-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-8	CF-196-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-9	CF-197-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-10	CF-198-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-11	CF-199-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-12	CF-200-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-13	CF-201-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-14	CF-202-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-15	CF-203-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-16	CF-204-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-17	CF-205-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-18	CF-206-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-19	CF-207-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-20	CF-208-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-21	CF-209-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-22	CF-210-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-23	CF-211-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-24	CF-212-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-25	CF-213-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-26	CF-214-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-27	CF-215-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-28	CF-216-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-29	CF-217-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-30	CF-218-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-31	CF-219-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-32	CF-220-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-33	CF-221-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-34	CF-222-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-35	CF-223-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-36	CF-224-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-37	CF-225-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-38	CF-226-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-39	CF-227-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-40	CF-228-00.3-NA-P	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA (Continued)

Analysis Batch: 50690 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-41	CF-229-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-42	CF-230-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-43	CF-231-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-44	CF-232-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-45	CF-233-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-46	CF-234-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-47	CF-235-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-48	CF-236-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-49	CF-237-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-50	CF-238-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-51	CF-239-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-52	CF-240-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-53	CF-241-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-54	CF-242-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-55	CF-243-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-56	CF-244-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-57	CF-245-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-58	CF-246-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-59	CF-247-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-60	CF-248-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-61	CF-249-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-62	CF-250-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-63	CF-251-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-64	CF-252-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-65	CF-253-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-66	CF-254-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-67	CF-255-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-68	CF-256-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-69	CF-257-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-70	CF-258-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-71	CF-259-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-72	CF-260-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-73	CF-261-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-74	CF-008-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26816-75	CF-064-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-76	CF-069-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-77	CF-169-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-78	CF-170-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-79	CF-171-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-80	CF-172-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-81	CF-154-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-82	CF-155-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-83	CF-156-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-84	CF-157-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-85	CF-158-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-86	CF-159-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-87	CF-160-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-88	CF-161-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-89	CF-162-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-90	CF-163-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-91	CF-164-00.3-NA-P	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA (Continued)

Analysis Batch: 50690 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-92	CF-165-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-93	CF-166-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-94	CF-167-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-95	CF-168-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-96	CF-173-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-97	CF-174-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-98	CF-175-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-99	CF-176-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-100	CF-177-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-101	CF-178-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-102	CF-179-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-103	CF-180-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-104	CF-181-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-105	CF-182-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-106	CF-183-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-107	CF-184-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-108	CF-185-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-109	CF-186-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-110	CF-187-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26816-111	CF-188-00.3-NA-P	Total/NA	Solid	8015 NM	

Analysis Batch: 50708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-36	CF-224-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-37	CF-225-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-38	CF-226-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-39	CF-227-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-40	CF-228-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-41	CF-229-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-42	CF-230-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-43	CF-231-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-44	CF-232-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-45	CF-233-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-46	CF-234-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-47	CF-235-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-48	CF-236-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-49	CF-237-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-50	CF-238-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-51	CF-239-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-52	CF-240-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-53	CF-241-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-54	CF-242-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-55	CF-243-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-56	CF-244-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-57	CF-245-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-58	CF-246-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-59	CF-247-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-60	CF-248-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-61	CF-249-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-62	CF-250-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-63	CF-251-00.3-NA-P	Total/NA	Solid	8015B NM	50608

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA (Continued)

Analysis Batch: 50708 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-64	CF-252-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-65	CF-253-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-66	CF-254-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-67	CF-255-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-68	CF-256-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-69	CF-257-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-70	CF-258-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-71	CF-259-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-72	CF-260-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-73	CF-261-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-74	CF-008-04.0-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-75	CF-064-00.3-NA-P	Total/NA	Solid	8015B NM	50608
MB 880-50607/1-A	Method Blank	Total/NA	Solid	8015B NM	50607
MB 880-50608/1-A	Method Blank	Total/NA	Solid	8015B NM	50608
LCS 880-50607/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50607
LCS 880-50608/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50608
LCSD 880-50607/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50607
LCSD 880-50608/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50608
880-26816-36 MS	CF-224-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-36 MSD	CF-224-00.3-NA-P	Total/NA	Solid	8015B NM	50607
880-26816-56 MS	CF-244-00.3-NA-P	Total/NA	Solid	8015B NM	50608
880-26816-56 MSD	CF-244-00.3-NA-P	Total/NA	Solid	8015B NM	50608

Analysis Batch: 50710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-76	CF-069-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-77	CF-169-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-78	CF-170-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-79	CF-171-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-80	CF-172-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-81	CF-154-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-82	CF-155-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-83	CF-156-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-84	CF-157-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-85	CF-158-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-86	CF-159-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-87	CF-160-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-88	CF-161-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-89	CF-162-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-90	CF-163-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-91	CF-164-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-92	CF-165-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-93	CF-166-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-94	CF-167-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-95	CF-168-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-96	CF-173-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-97	CF-174-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-98	CF-175-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-99	CF-176-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-100	CF-177-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-101	CF-178-00.3-NA-P	Total/NA	Solid	8015B NM	50623

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA (Continued)

Analysis Batch: 50710 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-102	CF-179-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-103	CF-180-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-104	CF-181-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-105	CF-182-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-106	CF-183-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-107	CF-184-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-108	CF-185-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-109	CF-186-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-110	CF-187-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-111	CF-188-00.3-NA-P	Total/NA	Solid	8015B NM	50623
MB 880-50622/1-A	Method Blank	Total/NA	Solid	8015B NM	50622
MB 880-50623/1-A	Method Blank	Total/NA	Solid	8015B NM	50623
LCS 880-50622/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50622
LCS 880-50623/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50623
LCSD 880-50622/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50622
LCSD 880-50623/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50623
880-26816-76 MS	CF-069-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-76 MSD	CF-069-00.3-NA-P	Total/NA	Solid	8015B NM	50622
880-26816-96 MS	CF-173-00.3-NA-P	Total/NA	Solid	8015B NM	50623
880-26816-96 MSD	CF-173-00.3-NA-P	Total/NA	Solid	8015B NM	50623

HPLC/IC

Leach Batch: 50699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-1	CF-189-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-2	CF-190-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-3	CF-191-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-4	CF-0192-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-5	CF-193-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-6	CF-194-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-7	CF-195-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-8	CF-196-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-9	CF-197-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-10	CF-198-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-11	CF-199-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-12	CF-200-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-13	CF-201-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-14	CF-202-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-15	CF-203-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-16	CF-204-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-17	CF-205-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-18	CF-206-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-19	CF-207-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-20	CF-208-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50699/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50699/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50699/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26816-1 MS	CF-189-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-1 MSD	CF-189-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-11 MS	CF-199-00.3-NA-P	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

HPLC/IC (Continued)

Leach Batch: 50699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-11 MSD	CF-199-00.3-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-21	CF-209-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-22	CF-210-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-23	CF-211-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-24	CF-212-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-25	CF-213-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-26	CF-214-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-27	CF-215-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-28	CF-216-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-29	CF-217-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-30	CF-218-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-31	CF-219-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-32	CF-220-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-33	CF-221-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-34	CF-222-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-35	CF-223-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-36	CF-224-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-37	CF-225-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-38	CF-226-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-39	CF-227-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-40	CF-228-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50700/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50700/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50700/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26816-21 MS	CF-209-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-21 MSD	CF-209-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-31 MS	CF-219-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-31 MSD	CF-219-00.3-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-41	CF-229-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-42	CF-230-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-43	CF-231-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-44	CF-232-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-45	CF-233-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-46	CF-234-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-47	CF-235-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-48	CF-236-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-49	CF-237-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-50	CF-238-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-51	CF-239-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-52	CF-240-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-53	CF-241-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-54	CF-242-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-55	CF-243-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-56	CF-244-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-57	CF-245-00.3-NA-P	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

HPLC/IC (Continued)

Leach Batch: 50701 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-58	CF-246-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-59	CF-247-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-60	CF-248-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50701/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50701/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50701/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26816-41 MS	CF-229-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-41 MSD	CF-229-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-51 MS	CF-239-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-51 MSD	CF-239-00.3-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-61	CF-249-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-62	CF-250-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-63	CF-251-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-64	CF-252-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-65	CF-253-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-66	CF-254-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-67	CF-255-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-68	CF-256-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-69	CF-257-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-70	CF-258-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-71	CF-259-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-72	CF-260-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-73	CF-261-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-74	CF-008-04.0-NA-P	Soluble	Solid	DI Leach	
880-26816-75	CF-064-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-76	CF-069-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-77	CF-169-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-78	CF-170-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-79	CF-171-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-80	CF-172-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50702/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50702/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50702/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26816-61 MS	CF-249-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-61 MSD	CF-249-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-71 MS	CF-259-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-71 MSD	CF-259-00.3-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-81	CF-154-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-82	CF-155-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-83	CF-156-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-84	CF-157-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-85	CF-158-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-86	CF-159-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-87	CF-160-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-88	CF-161-00.3-NA-P	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

HPLC/IC (Continued)

Leach Batch: 50703 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-89	CF-162-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-90	CF-163-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-91	CF-164-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-92	CF-165-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-93	CF-166-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-94	CF-167-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-95	CF-168-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-96	CF-173-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-97	CF-174-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-98	CF-175-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-99	CF-176-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-100	CF-177-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50703/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50703/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50703/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26816-81 MS	CF-154-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-81 MSD	CF-154-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-91 MS	CF-164-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-91 MSD	CF-164-00.3-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-101	CF-178-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-102	CF-179-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-103	CF-180-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-104	CF-181-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-105	CF-182-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-106	CF-183-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-107	CF-184-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-108	CF-185-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-109	CF-186-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-110	CF-187-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-111	CF-188-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50704/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50704/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50704/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26816-101 MS	CF-178-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-101 MSD	CF-178-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-111 MS	CF-188-00.3-NA-P	Soluble	Solid	DI Leach	
880-26816-111 MSD	CF-188-00.3-NA-P	Soluble	Solid	DI Leach	

Analysis Batch: 50905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-1	CF-189-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-2	CF-190-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-3	CF-191-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-4	CF-0192-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-5	CF-193-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-6	CF-194-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-7	CF-195-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-8	CF-196-00.3-NA-P	Soluble	Solid	300.0	50699

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

HPLC/IC (Continued)

Analysis Batch: 50905 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-9	CF-197-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-10	CF-198-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-11	CF-199-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-12	CF-200-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-13	CF-201-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-14	CF-202-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-15	CF-203-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-16	CF-204-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-17	CF-205-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-18	CF-206-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-19	CF-207-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-20	CF-208-00.3-NA-P	Soluble	Solid	300.0	50699
MB 880-50699/1-A	Method Blank	Soluble	Solid	300.0	50699
LCS 880-50699/2-A	Lab Control Sample	Soluble	Solid	300.0	50699
LCSD 880-50699/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50699
880-26816-1 MS	CF-189-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-1 MSD	CF-189-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-11 MS	CF-199-00.3-NA-P	Soluble	Solid	300.0	50699
880-26816-11 MSD	CF-199-00.3-NA-P	Soluble	Solid	300.0	50699

Analysis Batch: 50906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-21	CF-209-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-22	CF-210-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-23	CF-211-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-24	CF-212-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-25	CF-213-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-26	CF-214-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-27	CF-215-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-28	CF-216-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-29	CF-217-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-30	CF-218-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-31	CF-219-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-32	CF-220-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-33	CF-221-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-34	CF-222-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-35	CF-223-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-36	CF-224-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-37	CF-225-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-38	CF-226-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-39	CF-227-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-40	CF-228-00.3-NA-P	Soluble	Solid	300.0	50700
MB 880-50700/1-A	Method Blank	Soluble	Solid	300.0	50700
LCS 880-50700/2-A	Lab Control Sample	Soluble	Solid	300.0	50700
LCSD 880-50700/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50700
880-26816-21 MS	CF-209-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-21 MSD	CF-209-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-31 MS	CF-219-00.3-NA-P	Soluble	Solid	300.0	50700
880-26816-31 MSD	CF-219-00.3-NA-P	Soluble	Solid	300.0	50700

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

HPLC/IC

Analysis Batch: 50908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-41	CF-229-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-42	CF-230-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-43	CF-231-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-44	CF-232-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-45	CF-233-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-46	CF-234-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-47	CF-235-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-48	CF-236-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-49	CF-237-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-50	CF-238-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-51	CF-239-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-52	CF-240-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-53	CF-241-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-54	CF-242-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-55	CF-243-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-56	CF-244-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-57	CF-245-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-58	CF-246-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-59	CF-247-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-60	CF-248-00.3-NA-P	Soluble	Solid	300.0	50701
MB 880-50701/1-A	Method Blank	Soluble	Solid	300.0	50701
LCS 880-50701/2-A	Lab Control Sample	Soluble	Solid	300.0	50701
LCSD 880-50701/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50701
880-26816-41 MS	CF-229-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-41 MSD	CF-229-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-51 MS	CF-239-00.3-NA-P	Soluble	Solid	300.0	50701
880-26816-51 MSD	CF-239-00.3-NA-P	Soluble	Solid	300.0	50701

Analysis Batch: 50909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-61	CF-249-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-62	CF-250-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-63	CF-251-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-64	CF-252-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-65	CF-253-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-66	CF-254-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-67	CF-255-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-68	CF-256-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-69	CF-257-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-70	CF-258-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-71	CF-259-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-72	CF-260-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-73	CF-261-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-74	CF-008-04.0-NA-P	Soluble	Solid	300.0	50702
880-26816-75	CF-064-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-76	CF-069-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-77	CF-169-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-78	CF-170-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-79	CF-171-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-80	CF-172-00.3-NA-P	Soluble	Solid	300.0	50702
MB 880-50702/1-A	Method Blank	Soluble	Solid	300.0	50702

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

HPLC/IC (Continued)

Analysis Batch: 50909 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-50702/2-A	Lab Control Sample	Soluble	Solid	300.0	50702
LCSD 880-50702/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50702
880-26816-61 MS	CF-249-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-61 MSD	CF-249-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-71 MS	CF-259-00.3-NA-P	Soluble	Solid	300.0	50702
880-26816-71 MSD	CF-259-00.3-NA-P	Soluble	Solid	300.0	50702

Analysis Batch: 50910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-81	CF-154-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-82	CF-155-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-83	CF-156-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-84	CF-157-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-85	CF-158-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-86	CF-159-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-87	CF-160-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-88	CF-161-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-89	CF-162-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-90	CF-163-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-91	CF-164-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-92	CF-165-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-93	CF-166-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-94	CF-167-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-95	CF-168-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-96	CF-173-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-97	CF-174-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-98	CF-175-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-99	CF-176-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-100	CF-177-00.3-NA-P	Soluble	Solid	300.0	50703
MB 880-50703/1-A	Method Blank	Soluble	Solid	300.0	50703
LCS 880-50703/2-A	Lab Control Sample	Soluble	Solid	300.0	50703
LCSD 880-50703/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50703
880-26816-81 MS	CF-154-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-81 MSD	CF-154-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-91 MS	CF-164-00.3-NA-P	Soluble	Solid	300.0	50703
880-26816-91 MSD	CF-164-00.3-NA-P	Soluble	Solid	300.0	50703

Analysis Batch: 50911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26816-101	CF-178-00.3-NA-P	Soluble	Solid	300.0	50704
880-26816-102	CF-179-00.3-NA-P	Soluble	Solid	300.0	50704
880-26816-103	CF-180-00.3-NA-P	Soluble	Solid	300.0	50704
880-26816-104	CF-181-00.3-NA-P	Soluble	Solid	300.0	50704
880-26816-105	CF-182-00.3-NA-P	Soluble	Solid	300.0	50704
880-26816-106	CF-183-00.3-NA-P	Soluble	Solid	300.0	50704
880-26816-107	CF-184-00.3-NA-P	Soluble	Solid	300.0	50704
880-26816-108	CF-185-00.3-NA-P	Soluble	Solid	300.0	50704
880-26816-109	CF-186-00.3-NA-P	Soluble	Solid	300.0	50704
880-26816-110	CF-187-00.3-NA-P	Soluble	Solid	300.0	50704
880-26816-111	CF-188-00.3-NA-P	Soluble	Solid	300.0	50704
MB 880-50704/1-A	Method Blank	Soluble	Solid	300.0	50704

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

HPLC/IC (Continued)

Analysis Batch: 50911 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-50704/2-A	Lab Control Sample	Soluble	Solid	300.0	50704
LCSD 880-50704/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50704
880-26816-101 MS	CF-178-00.3-NA-P	Soluble	Solid	300.0	50704
880-26816-101 MSD	CF-178-00.3-NA-P	Soluble	Solid	300.0	50704
880-26816-111 MS	CF-188-00.3-NA-P	Soluble	Solid	300.0	50704
880-26816-111 MSD	CF-188-00.3-NA-P	Soluble	Solid	300.0	50704

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-189-00.3-NA-P
Lab Sample ID: 880-26816-1
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/10/23 23:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 14:31	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 18:47	SMC	EET MID

Client Sample ID: CF-190-00.3-NA-P
Lab Sample ID: 880-26816-2
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 00:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 14:53	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 19:02	SMC	EET MID

Client Sample ID: CF-191-00.3-NA-P
Lab Sample ID: 880-26816-3
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 00:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 15:15	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 19:06	SMC	EET MID

Client Sample ID: CF-0192-00.3-NA-P
Lab Sample ID: 880-26816-4
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 00:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Client Sample ID: CF-0192-00.3-NA-P

Lab Sample ID: 880-26816-4
Matrix: Solid
Date Collected: 03/30/23 00:00
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 15:37	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 19:11	SMC	EET MID

Client Sample ID: CF-193-00.3-NA-P

Lab Sample ID: 880-26816-5
Matrix: Solid
Date Collected: 03/30/23 00:00
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 01:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 16:29	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 19:16	SMC	EET MID

Client Sample ID: CF-194-00.3-NA-P

Lab Sample ID: 880-26816-6
Matrix: Solid
Date Collected: 03/30/23 00:00
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 01:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 16:51	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 19:31	SMC	EET MID

Client Sample ID: CF-195-00.3-NA-P

Lab Sample ID: 880-26816-7
Matrix: Solid
Date Collected: 03/30/23 00:00
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 01:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 17:12	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-195-00.3-NA-P
Lab Sample ID: 880-26816-7
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 19:35	SMC	EET MID

Client Sample ID: CF-196-00.3-NA-P
Lab Sample ID: 880-26816-8
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 02:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 17:34	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 19:40	SMC	EET MID

Client Sample ID: CF-197-00.3-NA-P
Lab Sample ID: 880-26816-9
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 02:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 17:55	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 19:45	SMC	EET MID

Client Sample ID: CF-198-00.3-NA-P
Lab Sample ID: 880-26816-10
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 02:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 18:17	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 19:50	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-199-00.3-NA-P
Lab Sample ID: 880-26816-11
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 04:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 18:38	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 19:55	SMC	EET MID

Client Sample ID: CF-200-00.3-NA-P
Lab Sample ID: 880-26816-12
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 05:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 18:59	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 20:09	SMC	EET MID

Client Sample ID: CF-201-00.3-NA-P
Lab Sample ID: 880-26816-13
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 05:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 19:21	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 20:14	SMC	EET MID

Client Sample ID: CF-202-00.3-NA-P
Lab Sample ID: 880-26816-14
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 05:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-202-00.3-NA-P
Lab Sample ID: 880-26816-14
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50538	04/06/23 15:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 19:43	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 20:29	SMC	EET MID

Client Sample ID: CF-203-00.3-NA-P
Lab Sample ID: 880-26816-15
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 06:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 21:31	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 20:33	SMC	EET MID

Client Sample ID: CF-204-00.3-NA-P
Lab Sample ID: 880-26816-16
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 06:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 22:36	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 20:38	SMC	EET MID

Client Sample ID: CF-205-00.3-NA-P
Lab Sample ID: 880-26816-17
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 06:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 22:57	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-205-00.3-NA-P
Lab Sample ID: 880-26816-17
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 20:43	SMC	EET MID

Client Sample ID: CF-206-00.3-NA-P
Lab Sample ID: 880-26816-18
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 07:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 23:19	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 20:48	SMC	EET MID

Client Sample ID: CF-207-00.3-NA-P
Lab Sample ID: 880-26816-19
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 07:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/08/23 23:41	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 20:53	SMC	EET MID

Client Sample ID: CF-208-00.3-NA-P
Lab Sample ID: 880-26816-20
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50532	04/06/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50771	04/11/23 07:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 00:02	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50699	04/08/23 15:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50905	04/10/23 20:57	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-209-00.3-NA-P
Lab Sample ID: 880-26816-21
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/11/23 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 00:23	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 11:42	SMC	EET MID

Client Sample ID: CF-210-00.3-NA-P
Lab Sample ID: 880-26816-22
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/11/23 18:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 00:45	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 11:55	SMC	EET MID

Client Sample ID: CF-211-00.3-NA-P
Lab Sample ID: 880-26816-23
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/11/23 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 01:06	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 12:00	SMC	EET MID

Client Sample ID: CF-212-00.3-NA-P
Lab Sample ID: 880-26816-24
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/11/23 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-212-00.3-NA-P
Lab Sample ID: 880-26816-24
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 01:28	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 12:05	SMC	EET MID

Client Sample ID: CF-213-00.3-NA-P
Lab Sample ID: 880-26816-25
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/11/23 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 02:11	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 12:09	SMC	EET MID

Client Sample ID: CF-214-00.3-NA-P
Lab Sample ID: 880-26816-26
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/11/23 20:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 02:32	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 12:23	SMC	EET MID

Client Sample ID: CF-215-00.3-NA-P
Lab Sample ID: 880-26816-27
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/11/23 20:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 02:53	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-215-00.3-NA-P
Lab Sample ID: 880-26816-27
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 12:27	SMC	EET MID

Client Sample ID: CF-216-00.3-NA-P
Lab Sample ID: 880-26816-28
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/11/23 20:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 03:14	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 12:32	SMC	EET MID

Client Sample ID: CF-217-00.3-NA-P
Lab Sample ID: 880-26816-29
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/11/23 21:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 03:36	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 12:37	SMC	EET MID

Client Sample ID: CF-218-00.3-NA-P
Lab Sample ID: 880-26816-30
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/11/23 21:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 03:57	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 12:41	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-219-00.3-NA-P
Lab Sample ID: 880-26816-31
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/11/23 23:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 04:18	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 12:46	SMC	EET MID

Client Sample ID: CF-220-00.3-NA-P
Lab Sample ID: 880-26816-32
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/11/23 23:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 04:40	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 12:59	SMC	EET MID

Client Sample ID: CF-221-00.3-NA-P
Lab Sample ID: 880-26816-33
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/12/23 00:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 05:01	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 13:04	SMC	EET MID

Client Sample ID: CF-222-00.3-NA-P
Lab Sample ID: 880-26816-34
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/12/23 00:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-222-00.3-NA-P
Lab Sample ID: 880-26816-34
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50539	04/06/23 15:49	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50652	04/09/23 05:23	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 13:18	SMC	EET MID

Client Sample ID: CF-223-00.3-NA-P
Lab Sample ID: 880-26816-35
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/12/23 00:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 18:48	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 13:22	SMC	EET MID

Client Sample ID: CF-224-00.3-NA-P
Lab Sample ID: 880-26816-36
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/12/23 01:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 11:13	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 13:27	SMC	EET MID

Client Sample ID: CF-225-00.3-NA-P
Lab Sample ID: 880-26816-37
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/12/23 01:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 12:19	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Client Sample ID: CF-225-00.3-NA-P

Lab Sample ID: 880-26816-37
Matrix: Solid
Date Collected: 03/30/23 00:00
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 13:32	SMC	EET MID

Client Sample ID: CF-226-00.3-NA-P

Lab Sample ID: 880-26816-38
Matrix: Solid
Date Collected: 03/30/23 00:00
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/12/23 01:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 12:41	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 13:36	SMC	EET MID

Client Sample ID: CF-227-00.3-NA-P

Lab Sample ID: 880-26816-39
Matrix: Solid
Date Collected: 03/30/23 00:00
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/12/23 02:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 13:03	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 13:41	SMC	EET MID

Client Sample ID: CF-228-00.3-NA-P

Lab Sample ID: 880-26816-40
Matrix: Solid
Date Collected: 03/30/23 00:00
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50533	04/06/23 15:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50869	04/12/23 02:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 13:25	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50700	04/08/23 15:14	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50906	04/11/23 13:45	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Client Sample ID: CF-229-00.3-NA-P

Lab Sample ID: 880-26816-41
Matrix: Solid
Date Collected: 03/30/23 00:00
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 01:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 13:47	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 21:52	SMC	EET MID

Client Sample ID: CF-230-00.3-NA-P

Lab Sample ID: 880-26816-42
Matrix: Solid
Date Collected: 03/30/23 00:00
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 02:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 14:09	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 22:07	SMC	EET MID

Client Sample ID: CF-231-00.3-NA-P

Lab Sample ID: 880-26816-43
Matrix: Solid
Date Collected: 03/30/23 00:00
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 02:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 14:31	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 22:11	SMC	EET MID

Client Sample ID: CF-232-00.3-NA-P

Lab Sample ID: 880-26816-44
Matrix: Solid
Date Collected: 03/30/23 00:00
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 03:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-232-00.3-NA-P
Lab Sample ID: 880-26816-44
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 14:53	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 22:16	SMC	EET MID

Client Sample ID: CF-233-00.3-NA-P
Lab Sample ID: 880-26816-45
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 03:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 15:14	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 22:21	SMC	EET MID

Client Sample ID: CF-234-00.3-NA-P
Lab Sample ID: 880-26816-46
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 04:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 15:58	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 22:36	SMC	EET MID

Client Sample ID: CF-235-00.3-NA-P
Lab Sample ID: 880-26816-47
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 04:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 16:20	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-235-00.3-NA-P
Lab Sample ID: 880-26816-47
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 22:40	SMC	EET MID

Client Sample ID: CF-236-00.3-NA-P
Lab Sample ID: 880-26816-48
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 04:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 16:42	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 22:45	SMC	EET MID

Client Sample ID: CF-237-00.3-NA-P
Lab Sample ID: 880-26816-49
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 05:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 17:04	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 22:50	SMC	EET MID

Client Sample ID: CF-238-00.3-NA-P
Lab Sample ID: 880-26816-50
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 05:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 17:26	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 22:55	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-239-00.3-NA-P
Lab Sample ID: 880-26816-51
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 07:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 17:48	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 23:00	SMC	EET MID

Client Sample ID: CF-240-00.3-NA-P
Lab Sample ID: 880-26816-52
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 08:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 18:09	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 23:14	SMC	EET MID

Client Sample ID: CF-241-00.3-NA-P
Lab Sample ID: 880-26816-53
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 08:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 18:31	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 23:19	SMC	EET MID

Client Sample ID: CF-242-00.3-NA-P
Lab Sample ID: 880-26816-54
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 09:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-242-00.3-NA-P
Lab Sample ID: 880-26816-54
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 18:53	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 23:34	SMC	EET MID

Client Sample ID: CF-243-00.3-NA-P
Lab Sample ID: 880-26816-55
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 09:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50607	04/07/23 11:10	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 19:15	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 23:38	SMC	EET MID

Client Sample ID: CF-244-00.3-NA-P
Lab Sample ID: 880-26816-56
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 10:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/11/23 10:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 21:05	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 23:43	SMC	EET MID

Client Sample ID: CF-245-00.3-NA-P
Lab Sample ID: 880-26816-57
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 10:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/13/23 12:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 22:11	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-245-00.3-NA-P
Lab Sample ID: 880-26816-57
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 23:48	SMC	EET MID

Client Sample ID: CF-246-00.3-NA-P
Lab Sample ID: 880-26816-58
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 11:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/13/23 12:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 22:33	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 23:53	SMC	EET MID

Client Sample ID: CF-247-00.3-NA-P
Lab Sample ID: 880-26816-59
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 11:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/13/23 12:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 22:55	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/11/23 23:58	SMC	EET MID

Client Sample ID: CF-248-00.3-NA-P
Lab Sample ID: 880-26816-60
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50534	04/06/23 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50768	04/11/23 11:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/13/23 12:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 23:17	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50701	04/08/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50908	04/12/23 00:03	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-249-00.3-NA-P
Lab Sample ID: 880-26816-61
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 16:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/09/23 23:39	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/10/23 22:04	SMC	EET MID

Client Sample ID: CF-250-00.3-NA-P
Lab Sample ID: 880-26816-62
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 16:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 00:00	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/10/23 22:18	SMC	EET MID

Client Sample ID: CF-251-00.3-NA-P
Lab Sample ID: 880-26816-63
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 00:21	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/10/23 22:22	SMC	EET MID

Client Sample ID: CF-252-00.3-NA-P
Lab Sample ID: 880-26816-64
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 17:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-252-00.3-NA-P
Lab Sample ID: 880-26816-64
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 00:42	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/10/23 22:27	SMC	EET MID

Client Sample ID: CF-253-00.3-NA-P
Lab Sample ID: 880-26816-65
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 18:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 01:04	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/10/23 22:31	SMC	EET MID

Client Sample ID: CF-254-00.3-NA-P
Lab Sample ID: 880-26816-66
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 18:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 01:47	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 09:25	SMC	EET MID

Client Sample ID: CF-255-00.3-NA-P
Lab Sample ID: 880-26816-67
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 18:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 02:08	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-255-00.3-NA-P
Lab Sample ID: 880-26816-67
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 09:29	SMC	EET MID

Client Sample ID: CF-256-00.3-NA-P
Lab Sample ID: 880-26816-68
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 19:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 02:30	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 09:34	SMC	EET MID

Client Sample ID: CF-257-00.3-NA-P
Lab Sample ID: 880-26816-69
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 19:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 02:51	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 09:38	SMC	EET MID

Client Sample ID: CF-258-00.3-NA-P
Lab Sample ID: 880-26816-70
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 20:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 03:12	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 09:43	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-259-00.3-NA-P
Lab Sample ID: 880-26816-71
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 21:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 03:34	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 09:47	SMC	EET MID

Client Sample ID: CF-260-00.3-NA-P
Lab Sample ID: 880-26816-72
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 22:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 03:55	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 10:19	SMC	EET MID

Client Sample ID: CF-261-00.3-NA-P
Lab Sample ID: 880-26816-73
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 22:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 04:16	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 10:24	SMC	EET MID

Client Sample ID: CF-008-04.0-NA-P
Lab Sample ID: 880-26816-74
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 23:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-008-04.0-NA-P
Lab Sample ID: 880-26816-74
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 04:38	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 10:38	SMC	EET MID

Client Sample ID: CF-064-00.3-NA-P
Lab Sample ID: 880-26816-75
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/11/23 23:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50608	04/07/23 11:18	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50708	04/10/23 04:59	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 10:42	SMC	EET MID

Client Sample ID: CF-069-00.3-NA-P
Lab Sample ID: 880-26816-76
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 00:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 11:13	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 10:47	SMC	EET MID

Client Sample ID: CF-169-00.3-NA-P
Lab Sample ID: 880-26816-77
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 00:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 12:19	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Client Sample ID: CF-169-00.3-NA-P

Lab Sample ID: 880-26816-77
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 10:51	SMC	EET MID

Client Sample ID: CF-170-00.3-NA-P

Lab Sample ID: 880-26816-78
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50997	04/12/23 14:22	MNR	EET MID
Total/NA	Analysis	8021B		5	5 mL	5 mL	50944	04/13/23 08:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/13/23 12:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 12:41	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 10:56	SMC	EET MID

Client Sample ID: CF-171-00.3-NA-P

Lab Sample ID: 880-26816-79
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 01:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 13:03	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 11:01	SMC	EET MID

Client Sample ID: CF-172-00.3-NA-P

Lab Sample ID: 880-26816-80
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50537	04/06/23 15:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 01:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 13:25	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50702	04/08/23 15:16	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50909	04/11/23 11:05	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-154-00.3-NA-P
Lab Sample ID: 880-26816-81
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 05:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 13:47	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 19:25	SMC	EET MID

Client Sample ID: CF-155-00.3-NA-P
Lab Sample ID: 880-26816-82
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 06:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 14:09	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 19:38	SMC	EET MID

Client Sample ID: CF-156-00.3-NA-P
Lab Sample ID: 880-26816-83
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 06:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 14:31	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 19:43	SMC	EET MID

Client Sample ID: CF-157-00.3-NA-P
Lab Sample ID: 880-26816-84
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 07:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-157-00.3-NA-P
Lab Sample ID: 880-26816-84
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 14:53	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 19:48	SMC	EET MID

Client Sample ID: CF-158-00.3-NA-P
Lab Sample ID: 880-26816-85
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 07:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 15:14	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 19:52	SMC	EET MID

Client Sample ID: CF-159-00.3-NA-P
Lab Sample ID: 880-26816-86
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 08:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 15:58	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 20:06	SMC	EET MID

Client Sample ID: CF-160-00.3-NA-P
Lab Sample ID: 880-26816-87
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 08:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 16:20	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-160-00.3-NA-P
Lab Sample ID: 880-26816-87
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 20:10	SMC	EET MID

Client Sample ID: CF-161-00.3-NA-P
Lab Sample ID: 880-26816-88
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50817	04/10/23 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50870	04/12/23 03:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 16:42	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 20:15	SMC	EET MID

Client Sample ID: CF-162-00.3-NA-P
Lab Sample ID: 880-26816-89
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 09:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 17:04	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 20:19	SMC	EET MID

Client Sample ID: CF-163-00.3-NA-P
Lab Sample ID: 880-26816-90
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 09:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 12:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 17:26	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 20:24	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-164-00.3-NA-P
Lab Sample ID: 880-26816-91
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 11:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 15:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 17:48	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 20:28	SMC	EET MID

Client Sample ID: CF-165-00.3-NA-P
Lab Sample ID: 880-26816-92
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 12:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 15:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 18:09	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 20:42	SMC	EET MID

Client Sample ID: CF-166-00.3-NA-P
Lab Sample ID: 880-26816-93
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 12:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 15:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 18:31	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 20:47	SMC	EET MID

Client Sample ID: CF-167-00.3-NA-P
Lab Sample ID: 880-26816-94
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 13:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 15:53	AJ	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-167-00.3-NA-P
Lab Sample ID: 880-26816-94
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 18:53	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 21:00	SMC	EET MID

Client Sample ID: CF-168-00.3-NA-P
Lab Sample ID: 880-26816-95
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 13:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 15:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/09/23 22:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50622	04/07/23 14:29	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 19:15	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 21:05	SMC	EET MID

Client Sample ID: CF-173-00.3-NA-P
Lab Sample ID: 880-26816-96
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 13:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 15:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 21:05	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 21:09	SMC	EET MID

Client Sample ID: CF-174-00.3-NA-P
Lab Sample ID: 880-26816-97
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 14:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 15:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 22:11	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-174-00.3-NA-P
Lab Sample ID: 880-26816-97
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 21:14	SMC	EET MID

Client Sample ID: CF-175-00.3-NA-P
Lab Sample ID: 880-26816-98
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 14:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 15:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 22:33	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 21:18	SMC	EET MID

Client Sample ID: CF-176-00.3-NA-P
Lab Sample ID: 880-26816-99
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 15:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/13/23 12:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 22:55	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 21:23	SMC	EET MID

Client Sample ID: CF-177-00.3-NA-P
Lab Sample ID: 880-26816-100
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50815	04/10/23 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50912	04/12/23 15:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/13/23 12:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 23:17	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50703	04/08/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50910	04/10/23 21:27	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-178-00.3-NA-P
Lab Sample ID: 880-26816-101
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50997	04/12/23 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50944	04/13/23 05:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/13/23 12:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/09/23 23:39	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50704	04/08/23 15:22	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50911	04/12/23 03:41	SMC	EET MID

Client Sample ID: CF-179-00.3-NA-P
Lab Sample ID: 880-26816-102
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	50817	04/10/23 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50870	04/11/23 23:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/10/23 00:00	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50704	04/08/23 15:22	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50911	04/12/23 03:54	SMC	EET MID

Client Sample ID: CF-180-00.3-NA-P
Lab Sample ID: 880-26816-103
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50817	04/10/23 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50870	04/11/23 23:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/10/23 00:21	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50704	04/08/23 15:22	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50911	04/12/23 03:59	SMC	EET MID

Client Sample ID: CF-181-00.3-NA-P
Lab Sample ID: 880-26816-104
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50817	04/10/23 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50870	04/11/23 23:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:37	AJ	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-181-00.3-NA-P
Lab Sample ID: 880-26816-104
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/10/23 00:42	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50704	04/08/23 15:22	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50911	04/12/23 04:03	SMC	EET MID

Client Sample ID: CF-182-00.3-NA-P
Lab Sample ID: 880-26816-105
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50817	04/10/23 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50870	04/12/23 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/10/23 01:04	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50704	04/08/23 15:22	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50911	04/12/23 04:08	SMC	EET MID

Client Sample ID: CF-183-00.3-NA-P
Lab Sample ID: 880-26816-106
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	50817	04/10/23 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50870	04/12/23 00:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/10/23 01:47	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50704	04/08/23 15:22	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50911	04/12/23 04:22	SMC	EET MID

Client Sample ID: CF-184-00.3-NA-P
Lab Sample ID: 880-26816-107
Date Collected: 03/30/23 00:00 **Matrix: Solid**
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50817	04/10/23 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50870	04/12/23 00:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/10/23 02:08	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Client Sample ID: CF-184-00.3-NA-P

Lab Sample ID: 880-26816-107
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	50704	04/08/23 15:22	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50911	04/12/23 04:26	SMC	EET MID

Client Sample ID: CF-185-00.3-NA-P

Lab Sample ID: 880-26816-108
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50817	04/10/23 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50870	04/12/23 01:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/10/23 02:30	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50704	04/08/23 15:22	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50911	04/12/23 04:31	SMC	EET MID

Client Sample ID: CF-186-00.3-NA-P

Lab Sample ID: 880-26816-109
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50817	04/10/23 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50870	04/12/23 01:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/10/23 02:51	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50704	04/08/23 15:22	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50911	04/12/23 04:35	SMC	EET MID

Client Sample ID: CF-187-00.3-NA-P

Lab Sample ID: 880-26816-110
Date Collected: 03/30/23 00:00
Matrix: Solid
Date Received: 04/05/23 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50817	04/10/23 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50870	04/12/23 01:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/10/23 03:12	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50704	04/08/23 15:22	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50911	04/12/23 04:40	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Client Sample ID: CF-188-00.3-NA-P

Date Collected: 03/30/23 00:00
Date Received: 04/05/23 11:33

Lab Sample ID: 880-26816-111

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50817	04/10/23 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50870	04/12/23 02:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50888	04/12/23 09:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			50690	04/10/23 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50623	04/07/23 14:33	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50710	04/10/23 03:34	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50704	04/08/23 15:22	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50911	04/12/23 04:44	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26816-1
Project/Site: 7520 Crazy Horse CTB

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: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26816-1	CF-189-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-2	CF-190-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-3	CF-191-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-4	CF-0192-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-5	CF-193-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-6	CF-194-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-7	CF-195-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-8	CF-196-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-9	CF-197-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-10	CF-198-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-11	CF-199-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-12	CF-200-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-13	CF-201-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-14	CF-202-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-15	CF-203-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-16	CF-204-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-17	CF-205-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-18	CF-206-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-19	CF-207-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-20	CF-208-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-21	CF-209-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-22	CF-210-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-23	CF-211-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-24	CF-212-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-25	CF-213-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-26	CF-214-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-27	CF-215-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-28	CF-216-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-29	CF-217-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-30	CF-218-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-31	CF-219-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-32	CF-220-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-33	CF-221-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-34	CF-222-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-35	CF-223-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-36	CF-224-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-37	CF-225-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-38	CF-226-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-39	CF-227-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-40	CF-228-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-41	CF-229-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-42	CF-230-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-43	CF-231-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-44	CF-232-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-45	CF-233-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-46	CF-234-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-47	CF-235-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-48	CF-236-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-49	CF-237-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-50	CF-238-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-51	CF-239-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-52	CF-240-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-53	CF-241-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-54	CF-242-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-55	CF-243-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33

Sample Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26816-56	CF-244-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-57	CF-245-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-58	CF-246-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-59	CF-247-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-60	CF-248-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-61	CF-249-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-62	CF-250-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-63	CF-251-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-64	CF-252-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-65	CF-253-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-66	CF-254-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-67	CF-255-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-68	CF-256-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-69	CF-257-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-70	CF-258-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-71	CF-259-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-72	CF-260-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-73	CF-261-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-74	CF-008-04.0-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-75	CF-064-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-76	CF-069-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-77	CF-169-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-78	CF-170-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-79	CF-171-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-80	CF-172-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-81	CF-154-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-82	CF-155-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-83	CF-156-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-84	CF-157-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-85	CF-158-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-86	CF-159-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-87	CF-160-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-88	CF-161-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-89	CF-162-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-90	CF-163-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-91	CF-164-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-92	CF-165-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-93	CF-166-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-94	CF-167-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-95	CF-168-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-96	CF-173-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-97	CF-174-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-98	CF-175-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-99	CF-176-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-100	CF-177-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-101	CF-178-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-102	CF-179-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-103	CF-180-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-104	CF-181-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-105	CF-182-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-106	CF-183-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-107	CF-184-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-108	CF-185-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-109	CF-186-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33
880-26816-110	CF-187-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33

Sample Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26816-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26816-111	CF-188-00.3-NA-P	Solid	03/30/23 00:00	04/05/23 11:33

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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, Carlsbad, NM (575) 988-3199

Work Order No: 26816

www.xenco.com Page 1 of

Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location	Eddy Co , NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4 30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT

Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor	-.3
Sample Custody Seals:	Yes No (N/A)	Temperature Reading	1.3
Total Containers:		Corrected Temperature:	1.0

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool Cool MeOH Me
HCL. HC HNO_3. HN
H_2S0_4. H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-189-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	402
CF-190-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-191-00.3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-192-00.3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-193-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-194-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-195-00.3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-196-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-197-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-198-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	

880-26816 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4/5/23 3:04	2		4/5/23 1133
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.

Received by OCD: 2/28/2024 4:14:15 PM
Released to Imaging: 3/4/2024 11:19:30 AM
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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, Carlsbad NM (575) 988-3199

Work Order No: 26816

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-199-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-200-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-201-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-202-00.3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-203-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-204-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-205-00.3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-206-00.3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-207-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-208-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	

Parameters

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			4/13/23 8:54	2		4/5/23 1133
3				4		
5				6		

Revised Date: 08/25/2020 Rev: 2020.2

Received by OCD: 2/28/2024 4:14:15 PM

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4/14/2023 (Rev. 1)

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Hobbs NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 26816

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location	Eddy Co , NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-209-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-210-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-211-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-212-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-213-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-214-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-215-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-216-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-217-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-218-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	

Total 200.7 / 6010 **200.8 / 6020:** 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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	Relinquished by: (Signature)	Received by (Signature)	Date/Time	Relinquished by: (Signature)	Received by (Signature)	Date/Time
1			4/3/23 355	2		4/5/23 1133
3				4		
5				6		

Revised Date: 08/25/2020 Rev: 2020.2

Received by OCD: 2/28/2024 4:14:15 PM

Released to Imaging: 3/4/2024 11:19:30 AM

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Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 26816

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co , NM	Due Date:	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-219-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-220-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-221-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-222-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-223-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-224-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-225-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-226-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-227-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-228-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	

Total 200.7 / 6010 **200.8 / 6020:** 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/3/23 3:55	2		4/5/23 11:33
3			4		
5			6		

Revised Date 08/25/2020 Rev 2020.2

Received by OCD: 2/28/2024 4:14:15 PM

Released to Imaging: 3/4/2024 11:19:30 AM

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 268016

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$, $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-229-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-230-00.3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-231-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-232-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-233-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-234-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-235-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-236-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-237-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-238-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/3/23 3:55	2		4/5/23 1:33
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 2/28/2024 4:14:15 PM

4/14/2023 (Rev. 1)

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 26816

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date.	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4.30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool Cool MeOH Me
HCL: HC HNO_3: HN
H_2S0_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-239-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-240-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-241-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-242-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-243-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-244-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-245-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-246-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-247-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-248-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

Received by OCD: 2/28/2024 4:14:15 PM

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4/14/2023 (Rev. 1)

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Chain of Custody

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EL Paso TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad NM (575) 988-3199

Work Order No: 268816

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project.
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None NO | DI Water H_2O
Cool Cool | MeOH Me
HCL HC | HNO_3 HN
H_2S0_4 H_2 | NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-249-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-250-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-251-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-252-00.3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-253-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-254-00.3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-255-00.3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-256-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-257-00.3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-258-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	

Total 200.7 / 6010 **200.8 / 6020:** 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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1			2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

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Hobbs NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 268816

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-259-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-260-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-261-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-008-04 0-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-064-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-069-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-169-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-170-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-171-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-172-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	

Parameters

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1		4/3/23 3:55	2		4/5/23 1133
3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

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Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 268816

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Project Manager	Dan Dunkelberg	Bill to. (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP	Hobbs, NM 88241	City, State ZIP	Midland, TX 79701
Phone:	575-602-2403	Email	Montgomery Floyd@permianres com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number	7520	☐ Routine ☐ Rush	
Project Location	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT

Temp Blank.	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals.	Yes No N/A	Correction Factor	
Sample Custody Seals:	Yes No N/A	Temperature Reading	
Total Containers:		Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None. NO DI Water H_2O
Cool Cool MeOH Me
HCL. HC HNO_3. HN
H_2SO_4 H_2 NaOH Na
H_3PO_4. HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-154-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-155-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-156-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-157-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-158-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-159-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-160-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-161-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-162-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-163-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	

Total 200.7 / 6010 **200.8 / 6020:** 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/3/23	2		4/5/23 1133
3			4		
5			6		

Revised Date: 08/25/2020 Rev 2020 2

Received by OCD: 2/28/2024 4:14:15 PM

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EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 268164

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co , NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)
CF-164-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X
CF-165-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X
CF-166-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X
CF-167-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X
CF-168-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X
CF-173-00.3-NA-P	Soil	3/30/2023			C	1		X	X	X
CF-174-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X
CF-175-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X
CF-176-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X
CF-177-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			4/3/23	2		4/5/23 1133
3				4		
5				6		

Revised Date: 08/25/2020 Rev: 2020.2

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Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 26816

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-178-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-179-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-180-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-181-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-182-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-183-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-184-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-185-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-186-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	
CF-187-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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3			4		
5			6		

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Work Order No: 26816

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location	Eddy Co , NM	Due Date:	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-188-00 3-NA-P	Soil	3/30/2023			C	1		X	X	X	

Parameters

Loc: 880
26816

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

Received by OCD: 2/28/2024 4:14:15 PM
Released to Imaging: 3/4/2024 11:19:30 AM
Page 202 of 203
4/14/2023 (Rev. 1)

Login Sample Receipt Checklist

Client: Trinity Oilfield Services & Rentals, LLC

Job Number: 880-26816-1
SDG Number:

Login Number: 26816
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	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 | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Dan Dunkelberg
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, New Mexico 88241

Generated 4/17/2023 2:19:38 PM

JOB DESCRIPTION

7520 Crazy Horse CTB

JOB NUMBER

880-26926-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 3/4/2024 11:19:50 AM

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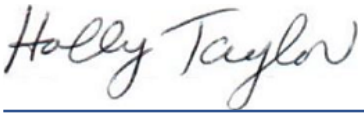
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Laboratory Job ID: 880-26926-1

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Definitions/Glossary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points

Definitions/Glossary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-26926-1

Receipt
The samples were received on 4/7/2023 10:30 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: CF-262-00.3-NA-P (880-26926-1), CF-263-00.3-NA-P (880-26926-2), CF-264-00.3-NA-P (880-26926-3), CF-267-00.3-NA-P (880-26926-4), CF-268-00.3-NA-P (880-26926-5), CF-269-00.3-NA-P (880-26926-6), CF-270-00.3-NA-P (880-26926-7), CF-271-00.3-NA-P (880-26926-8), CF-272-00.3-NA-P (880-26926-9), CF-273-00.3-NA-P (880-26926-10), CF-274-00.3-NA-P (880-26926-11), CF-275-00.3-NA-P (880-26926-12), CF-276-00.3-NA-P (880-26926-13), CF-278-00.3-NA-P (880-26926-14), CF-279-00.3-NA-P (880-26926-15), CF-280-00.3-NA-P (880-26926-16), CF-281-00.3-NA-P (880-26926-17), CF-282-00.3-NA-P (880-26926-18), CF-283-00.3-NA-P (880-26926-19), CF-284-00.3-NA-P (880-26926-20), CF-285-00.3-NA-P (880-26926-21), CF-286-00.3-NA-P (880-26926-22), CF-287-00.3-NA-P (880-26926-23), CF-288-00.3-NA-P (880-26926-24), CF-289-00.3-NA-P (880-26926-25), CF-290-00.3-NA-P (880-26926-26), CF-291-00.3-NA-P (880-26926-27), CF-292-00.3-NA-P (880-26926-28), CF-293-00.3-NA-P (880-26926-29), CF-294-00.3-NA-P (880-26926-30), CF-295-00.3-NA-P (880-26926-31), CF-296-00.3-NA-S (880-26926-32), CF-297-00.3-NA-S (880-26926-33), CF-298-00.3-NA-S (880-26926-34), CF-299-00.3-NA-S (880-26926-35), CF-300-00.3-NA-S (880-26926-36), CF-301-00.3-NA-S (880-26926-37), CF-302-00.3-NA-S (880-26926-38), CF-303-00.3-NA-S (880-26926-39), CF-304-00.3-NA-S (880-26926-40), CF-305-00.3-NA-S (880-26926-41), CF-306-00.3-NA-S (880-26926-42), CF-307-00.3-NA-S (880-26926-43), CF-308-00.3-NA-S (880-26926-44), CF-309-00.3-NA-S (880-26926-45), CF-310-00.3-NA-S (880-26926-46), CF-311-00.3-NA-S (880-26926-47), CF-312-00.3-NA-S (880-26926-48), CF-313-00.3-NA-S (880-26926-49), CF-314-00.3-NA-S (880-26926-50), CF-315-00.3-NA-S (880-26926-51), CF-316-00.3-NA-S (880-26926-52), CF-317-00.3-NA-S (880-26926-53), CF-318-00.3-NA-S (880-26926-54), CF-319-00.3-NA-S (880-26926-55), CF-320-00.3-NA-S (880-26926-56), CF-321-00.3-NA-S (880-26926-57), CF-322-00.3-NA-S (880-26926-58), CF-323-00.3-NA-S (880-26926-59), CF-324-00.3-NA-S (880-26926-60), CF-325-00.3-NA-S (880-26926-61), CF-326-00.3-NA-S (880-26926-62), CW-001-02.0-NA-P (880-26926-63), CW-002-02.0-NA-P (880-26926-64), CW-003-02.0-NA-P (880-26926-65), CW-004-02.0-NA-P (880-26926-66), CW-005-02.0-NA-P (880-26926-67), CW-006-02.0-NA-P (880-26926-68), CW-007-02.0-NA-P (880-26926-69), CW-008-02.0-NA-P (880-26926-70), CW-009-02.0-NA-P (880-26926-71), CW-010-02.0-NA-P (880-26926-72), CW-011-02.0-NA-P (880-26926-73), CW-012-02.0-NA-P (880-26926-74), CW-013-02.0-NA-P (880-26926-75), CW-014-02.0-NA-P (880-26926-76), CW-015-02.0-NA-P (880-26926-77), CW-016-02.0-NA-P (880-26926-78), CW-017-02.0-NA-P (880-26926-79), CW-018-02.0-NA-P (880-26926-80), CW-019-02.0-NA-P (880-26926-81), CW-020-02.0-NA-P (880-26926-82), CW-021-02.0-NA-P (880-26926-83), CW-022-02.0-NA-P (880-26926-84), CW-023-02.0-NA-P (880-26926-85), CW-024-02.0-NA-P (880-26926-86), CW-025-02.0-NA-P (880-26926-87), CW-026-02.0-NA-P (880-26926-88), CW-027-02.0-NA-P (880-26926-89), CW-028-02.0-NA-P (880-26926-90), CW-029-02.0-NA-P (880-26926-91), CW-030-02.0-NA-P (880-26926-92), CW-032-02.0-NA-P (880-26926-93), CF-266-00.3-NA-P (880-26926-94), CW-31-02.0-NA-P (880-26926-95), CF-344-04.0-NA-P (880-26926-96) and CF-261-00.3-NA-P (880-26926-97).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-262-00.3-NA-P (880-26926-1), CF-263-00.3-NA-P (880-26926-2), CF-264-00.3-NA-P (880-26926-3), CF-267-00.3-NA-P (880-26926-4), CF-268-00.3-NA-P (880-26926-5), CF-269-00.3-NA-P (880-26926-6), CF-270-00.3-NA-P (880-26926-7), CF-271-00.3-NA-P (880-26926-8), CF-272-00.3-NA-P (880-26926-9), CF-273-00.3-NA-P (880-26926-10), CF-274-00.3-NA-P (880-26926-11), CF-275-00.3-NA-P (880-26926-12), CF-276-00.3-NA-P (880-26926-13), CF-278-00.3-NA-P (880-26926-14), CF-279-00.3-NA-P (880-26926-15), CF-280-00.3-NA-P (880-26926-16), CF-281-00.3-NA-P (880-26926-17), CF-282-00.3-NA-P (880-26926-18), CF-283-00.3-NA-P (880-26926-19), CF-284-00.3-NA-P (880-26926-20), (CCV 880-51000/20), (880-26926-A-1-E MS) and (880-26926-A-1-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-50834 and analytical batch 880-51016 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-50840 and analytical batch 880-51017 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50838 and analytical batch 880-51137 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-50838/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-50835/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: The laboratory control sample duplicate (LCSD) for preparation batch 880-50835 and analytical batch 880-51107 recovered outside control limits for the following analytes: Benzene, Toluene, Ethylbenzene, m,p-Xylenes and o-Xylene. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

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: Surrogate recovery for the following samples were outside control limits: CF-296-00.3-NA-S (880-26926-32), CF-297-00.3-NA-S (880-26926-33), CF-298-00.3-NA-S (880-26926-34), CF-299-00.3-NA-S (880-26926-35) and CF-300-00.3-NA-S (880-26926-36). 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: CF-310-00.3-NA-S (880-26926-46), CF-311-00.3-NA-S (880-26926-47), CF-312-00.3-NA-S (880-26926-48), CF-314-00.3-NA-S (880-26926-50), (880-26926-A-46-C MS) and (880-26926-A-46-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-50828/2-A) and (LCSD 880-50828/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-50822/2-A) and (LCSD 880-50822/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-50822 and analytical batch 880-50862 was outside the upper control limits.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-50822 and analytical batch 880-50862 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CF-317-00.3-NA-S (880-26926-53), CF-318-00.3-NA-S (880-26926-54) and CF-319-00.3-NA-S (880-26926-55). 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: CF-320-00.3-NA-S (880-26926-56), CF-321-00.3-NA-S (880-26926-57) and CF-322-00.3-NA-S (880-26926-58). 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: CF-324-00.3-NA-S (880-26926-60), CF-325-00.3-NA-S (880-26926-61), CF-326-00.3-NA-S (880-26926-62), CW-001-02.0-NA-P (880-26926-63), CW-002-02.0-NA-P (880-26926-64) and CW-003-02.0-NA-P (880-26926-65). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-50824 and analytical batch 880-50862 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-50824/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-50829/2-A) and (LCSD 880-50829/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CW-020-02.0-NA-P (880-26926-82), CW-021-02.0-NA-P (880-26926-83), CW-022-02.0-NA-P (880-26926-84) and CW-023-02.0-NA-P (880-26926-85). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-50830 and analytical batch 880-50959 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CW-024-02.0-NA-P (880-26926-86). 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: CW-025-02.0-NA-P (880-26926-87), CW-026-02.0-NA-P (880-26926-88) and CW-027-02.0-NA-P (880-26926-89). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50785 and 880-50785 and analytical batch 880-51100 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.CW-020-02.0-NA-P (880-26926-82), CW-021-02.0-NA-P (880-26926-83), CW-022-02.0-NA-P (880-26926-84), CW-023-02.0-NA-P (880-26926-85), CW-024-02.0-NA-P (880-26926-86), CW-025-02.0-NA-P (880-26926-87), CW-026-02.0-NA-P (880-26926-88), CW-027-02.0-NA-P (880-26926-89), CW-028-02.0-NA-P (880-26926-90), CW-029-02.0-NA-P (880-26926-91), (880-26926-A-82-B MS) and (880-26926-A-82-C MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50781 and analytical batch 880-51089 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.CF-262-00.3-NA-P (880-26926-1)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50781 and analytical batch 880-51089 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.CF-263-00.3-NA-P (880-26926-2), CF-264-00.3-NA-P (880-26926-3), CF-267-00.3-NA-P (880-26926-4), CF-268-00.3-NA-P (880-26926-5), CF-269-00.3-NA-P (880-26926-6), CF-270-00.3-NA-P (880-26926-7), CF-271-00.3-NA-P (880-26926-8), CF-272-00.3-NA-P (880-26926-9), CF-273-00.3-NA-P (880-26926-10), CF-274-00.3-NA-P (880-26926-11), (880-26926-A-2-B MS) and (880-26926-A-2-C MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50783 and analytical batch 880-51098 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.CF-306-00.3-NA-S (880-26926-42), CF-307-00.3-NA-S (880-26926-43), CF-308-00.3-NA-S (880-26926-44), CF-309-00.3-NA-S (880-26926-45), CF-310-00.3-NA-S (880-26926-46), CF-311-00.3-NA-S (880-26926-47), CF-312-00.3-NA-S (880-26926-48), CF-313-00.3-NA-S (880-26926-49), CF-314-00.3-NA-S (880-26926-50), CF-315-00.3-NA-S (880-26926-51), (880-26926-A-42-B MS) and

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Job ID: 880-26926-1 (Continued)

Laboratory: Eurofins Midland (Continued)

(880-26926-A-42-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: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-262-00.3-NA-P
Lab Sample ID: 880-26926-1
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/12/23 20:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/12/23 20:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/12/23 20:19	1
m,p-Xylenes	<0.00402	U *- *1	0.00402		mg/Kg		04/10/23 14:41	04/12/23 20:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/12/23 20:19	1
Xylenes, Total	<0.00402	U *- *1	0.00402		mg/Kg		04/10/23 14:41	04/12/23 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/12/23 20:19*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/10/23 14:41*	*04/12/23 20:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/23 15:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/10/23 11:34	04/11/23 12:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 12:17	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/10/23 11:34*	*04/11/23 12:17*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/10/23 11:34*	*04/11/23 12:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**202**		4.99		mg/Kg			04/13/23 14:52	1

Client Sample ID: CF-263-00.3-NA-P
Lab Sample ID: 880-26926-2
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 20:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 20:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 20:47	1
m,p-Xylenes	<0.00399	U *- *1	0.00399		mg/Kg		04/10/23 14:41	04/12/23 20:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 20:47	1
Xylenes, Total	<0.00399	U *- *1	0.00399		mg/Kg		04/10/23 14:41	04/12/23 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/12/23 20:47*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/10/23 14:41*	*04/12/23 20:47*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-263-00.3-NA-P
Lab Sample ID: 880-26926-2
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/23 15:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/10/23 11:34	04/11/23 13:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 13:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/10/23 11:34*	*04/11/23 13:24*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/10/23 11:34*	*04/11/23 13:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**721**	**F1**	5.04		mg/Kg			04/13/23 14:57	1

Client Sample ID: CF-264-00.3-NA-P
Lab Sample ID: 880-26926-3
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/12/23 21:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/12/23 21:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/12/23 21:15	1
m,p-Xylenes	<0.00402	U *- *1	0.00402		mg/Kg		04/10/23 14:41	04/12/23 21:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/12/23 21:15	1
Xylenes, Total	<0.00402	U *- *1	0.00402		mg/Kg		04/10/23 14:41	04/12/23 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*170*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/12/23 21:15*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/10/23 14:41*	*04/12/23 21:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/23 15:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/10/23 11:34	04/11/23 13:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 13:47	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-264-00.3-NA-P
Lab Sample ID: 880-26926-3
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/10/23 11:34*	*04/11/23 13:47*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/10/23 11:34*	*04/11/23 13:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**148**		4.97		mg/Kg			04/13/23 15:12	1

Client Sample ID: CF-267-00.3-NA-P
Lab Sample ID: 880-26926-4
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 21:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 21:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 21:43	1
m,p-Xylenes	<0.00401	U *- *1	0.00401		mg/Kg		04/10/23 14:41	04/12/23 21:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 21:43	1
Xylenes, Total	<0.00401	U *- *1	0.00401		mg/Kg		04/10/23 14:41	04/12/23 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*157*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/12/23 21:43*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/10/23 14:41*	*04/12/23 21:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/23 15:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/10/23 11:34	04/11/23 14:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 14:10	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*04/10/23 11:34*	*04/11/23 14:10*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/10/23 11:34*	*04/11/23 14:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**		4.98		mg/Kg			04/13/23 15:17	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-268-00.3-NA-P
Lab Sample ID: 880-26926-5
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/12/23 22:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/12/23 22:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/12/23 22:09	1
m,p-Xylenes	<0.00398	U *- *1	0.00398		mg/Kg		04/10/23 14:41	04/12/23 22:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/12/23 22:09	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		04/10/23 14:41	04/12/23 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/12/23 22:09*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/10/23 14:41*	*04/12/23 22:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/23 15:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/10/23 11:34	04/11/23 14:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 14:32	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/23 11:34*	*04/11/23 14:32*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/10/23 11:34*	*04/11/23 14:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**212**		4.98		mg/Kg			04/13/23 15:31	1

Client Sample ID: CF-269-00.3-NA-P
Lab Sample ID: 880-26926-6
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/12/23 22:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/12/23 22:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/12/23 22:36	1
m,p-Xylenes	<0.00398	U *- *1	0.00398		mg/Kg		04/10/23 14:41	04/12/23 22:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/12/23 22:36	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		04/10/23 14:41	04/12/23 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/12/23 22:36*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/10/23 14:41*	*04/12/23 22:36*	*1*

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-269-00.3-NA-P
Lab Sample ID: 880-26926-6
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/11/23 15:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		04/10/23 11:34	04/11/23 14:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 11:34	04/11/23 14:54	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 11:34	04/11/23 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/10/23 11:34*	*04/11/23 14:54*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/10/23 11:34*	*04/11/23 14:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**232**		4.96		mg/Kg			04/13/23 15:36	1

Client Sample ID: CF-270-00.3-NA-P
Lab Sample ID: 880-26926-7
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/12/23 23:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/12/23 23:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/12/23 23:03	1
m,p-Xylenes	<0.00402	U *- *1	0.00402		mg/Kg		04/10/23 14:41	04/12/23 23:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/12/23 23:03	1
Xylenes, Total	<0.00402	U *- *1	0.00402		mg/Kg		04/10/23 14:41	04/12/23 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/12/23 23:03*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/10/23 14:41*	*04/12/23 23:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/23 15:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/10/23 11:34	04/11/23 15:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 15:16	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-270-00.3-NA-P
Lab Sample ID: 880-26926-7
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/10/23 11:34*	*04/11/23 15:16*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/10/23 11:34*	*04/11/23 15:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**256**		5.04		mg/Kg			04/13/23 15:41	1

Client Sample ID: CF-271-00.3-NA-P
Lab Sample ID: 880-26926-8
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 23:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 23:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 23:29	1
m,p-Xylenes	<0.00401	U *- *1	0.00401		mg/Kg		04/10/23 14:41	04/12/23 23:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 23:29	1
Xylenes, Total	<0.00401	U *- *1	0.00401		mg/Kg		04/10/23 14:41	04/12/23 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*170*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/12/23 23:29*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/10/23 14:41*	*04/12/23 23:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/10/23 11:34	04/11/23 15:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 15:39	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/10/23 11:34*	*04/11/23 15:39*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/10/23 11:34*	*04/11/23 15:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**246**		5.03		mg/Kg			04/13/23 15:46	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-272-00.3-NA-P
Lab Sample ID: 880-26926-9
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/12/23 23:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/12/23 23:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/12/23 23:55	1
m,p-Xylenes	<0.00398	U *- *1	0.00398		mg/Kg		04/10/23 14:41	04/12/23 23:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/12/23 23:55	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		04/10/23 14:41	04/12/23 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*164*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/12/23 23:55*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/10/23 14:41*	*04/12/23 23:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/10/23 11:34	04/11/23 16:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 16:01	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*04/10/23 11:34*	*04/11/23 16:01*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/10/23 11:34*	*04/11/23 16:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**149**		4.98		mg/Kg			04/13/23 15:50	1

Client Sample ID: CF-273-00.3-NA-P
Lab Sample ID: 880-26926-10
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/13/23 00:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/13/23 00:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/13/23 00:22	1
m,p-Xylenes	<0.00398	U *- *1	0.00398		mg/Kg		04/10/23 14:41	04/13/23 00:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/13/23 00:22	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		04/10/23 14:41	04/13/23 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/13/23 00:22*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/10/23 14:41*	*04/13/23 00:22*	*1*

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-273-00.3-NA-P
Lab Sample ID: 880-26926-10
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/10/23 11:34	04/11/23 16:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 16:24	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/10/23 11:34*	*04/11/23 16:24*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/10/23 11:34*	*04/11/23 16:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**158**		4.96		mg/Kg			04/13/23 15:55	1

Client Sample ID: CF-274-00.3-NA-P
Lab Sample ID: 880-26926-11
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 02:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 02:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 02:07	1
m,p-Xylenes	<0.00399	U *- *1	0.00399		mg/Kg		04/10/23 14:41	04/13/23 02:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 02:07	1
Xylenes, Total	<0.00399	U *- *1	0.00399		mg/Kg		04/10/23 14:41	04/13/23 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/13/23 02:07*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/10/23 14:41*	*04/13/23 02:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/10/23 11:34	04/11/23 17:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 17:09	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-274-00.3-NA-P

Lab Sample ID: 880-26926-11
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/10/23 11:34*	*04/11/23 17:09*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/10/23 11:34*	*04/11/23 17:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		4.95		mg/Kg			04/13/23 16:00	1

Client Sample ID: CF-275-00.3-NA-P

Lab Sample ID: 880-26926-12
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:41	04/13/23 02:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:41	04/13/23 02:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:41	04/13/23 02:34	1
m,p-Xylenes	<0.00403	U *- *1	0.00403		mg/Kg		04/10/23 14:41	04/13/23 02:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:41	04/13/23 02:34	1
Xylenes, Total	<0.00403	U *- *1	0.00403		mg/Kg		04/10/23 14:41	04/13/23 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/13/23 02:34*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/10/23 14:41*	*04/13/23 02:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/10/23 11:34	04/11/23 17:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 17:32	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*04/10/23 11:34*	*04/11/23 17:32*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/10/23 11:34*	*04/11/23 17:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**139**		5.02		mg/Kg			04/13/23 16:39	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-276-00.3-NA-P

Lab Sample ID: 880-26926-13
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/13/23 03:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/13/23 03:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/13/23 03:00	1
m,p-Xylenes	<0.00398	U *- *1	0.00398		mg/Kg		04/10/23 14:41	04/13/23 03:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/13/23 03:00	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		04/10/23 14:41	04/13/23 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/13/23 03:00*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/10/23 14:41*	*04/13/23 03:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		04/10/23 11:34	04/11/23 17:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 11:34	04/11/23 17:53	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 11:34	04/11/23 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/10/23 11:34*	*04/11/23 17:53*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/10/23 11:34*	*04/11/23 17:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**186**		5.00		mg/Kg			04/13/23 16:53	1

Client Sample ID: CF-278-00.3-NA-P

Lab Sample ID: 880-26926-14
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 03:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 03:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 03:27	1
m,p-Xylenes	<0.00401	U *- *1	0.00401		mg/Kg		04/10/23 14:41	04/13/23 03:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 03:27	1
Xylenes, Total	<0.00401	U *- *1	0.00401		mg/Kg		04/10/23 14:41	04/13/23 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/13/23 03:27*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/10/23 14:41*	*04/13/23 03:27*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-278-00.3-NA-P
Lab Sample ID: 880-26926-14
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		04/10/23 11:34	04/11/23 18:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 11:34	04/11/23 18:15	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 11:34	04/11/23 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/10/23 11:34*	*04/11/23 18:15*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/10/23 11:34*	*04/11/23 18:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**208**		4.98		mg/Kg			04/13/23 16:58	1

Client Sample ID: CF-279-00.3-NA-P
Lab Sample ID: 880-26926-15
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 03:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 03:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 03:53	1
m,p-Xylenes	<0.00399	U *- *1	0.00399		mg/Kg		04/10/23 14:41	04/13/23 03:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 03:53	1
Xylenes, Total	<0.00399	U *- *1	0.00399		mg/Kg		04/10/23 14:41	04/13/23 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/13/23 03:53*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/10/23 14:41*	*04/13/23 03:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/10/23 11:34	04/11/23 18:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 18:36	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-279-00.3-NA-P
Lab Sample ID: 880-26926-15
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/10/23 11:34*	*04/11/23 18:36*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/10/23 11:34*	*04/11/23 18:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**155**		5.03		mg/Kg			04/13/23 17:03	1

Client Sample ID: CF-280-00.3-NA-P
Lab Sample ID: 880-26926-16
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:41	04/13/23 04:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:41	04/13/23 04:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:41	04/13/23 04:20	1
m,p-Xylenes	<0.00396	U *- *1	0.00396		mg/Kg		04/10/23 14:41	04/13/23 04:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:41	04/13/23 04:20	1
Xylenes, Total	<0.00396	U *- *1	0.00396		mg/Kg		04/10/23 14:41	04/13/23 04:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/13/23 04:20*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/10/23 14:41*	*04/13/23 04:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/10/23 11:34	04/11/23 18:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 18:58	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/10/23 11:34*	*04/11/23 18:58*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/10/23 11:34*	*04/11/23 18:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**158**		5.04		mg/Kg			04/13/23 17:08	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-281-00.3-NA-P
Lab Sample ID: 880-26926-17
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/13/23 04:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/13/23 04:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/13/23 04:47	1
m,p-Xylenes	<0.00398	U *- *1	0.00398		mg/Kg		04/10/23 14:41	04/13/23 04:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:41	04/13/23 04:47	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		04/10/23 14:41	04/13/23 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/13/23 04:47*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*04/10/23 14:41*	*04/13/23 04:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/10/23 11:34	04/11/23 19:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 19:19	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/10/23 11:34*	*04/11/23 19:19*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/10/23 11:34*	*04/11/23 19:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**122**		5.00		mg/Kg			04/13/23 17:25	1

Client Sample ID: CF-282-00.3-NA-P
Lab Sample ID: 880-26926-18
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 05:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 05:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 05:13	1
m,p-Xylenes	<0.00399	U *- *1	0.00399		mg/Kg		04/10/23 14:41	04/13/23 05:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/13/23 05:13	1
Xylenes, Total	<0.00399	U *- *1	0.00399		mg/Kg		04/10/23 14:41	04/13/23 05:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/13/23 05:13*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/10/23 14:41*	*04/13/23 05:13*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-282-00.3-NA-P
Lab Sample ID: 880-26926-18
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/10/23 11:34	04/11/23 19:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 19:40	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/10/23 11:34*	*04/11/23 19:40*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/10/23 11:34*	*04/11/23 19:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**152**		4.97		mg/Kg			04/13/23 17:30	1

Client Sample ID: CF-283-00.3-NA-P
Lab Sample ID: 880-26926-19
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/13/23 05:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/13/23 05:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/13/23 05:40	1
m,p-Xylenes	<0.00402	U *- *1	0.00402		mg/Kg		04/10/23 14:41	04/13/23 05:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:41	04/13/23 05:40	1
Xylenes, Total	<0.00402	U *- *1	0.00402		mg/Kg		04/10/23 14:41	04/13/23 05:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*04/10/23 14:41*	*04/13/23 05:40*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*04/10/23 14:41*	*04/13/23 05:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/10/23 11:34	04/11/23 20:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 20:01	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-283-00.3-NA-P
Lab Sample ID: 880-26926-19
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:34	04/11/23 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/10/23 11:34*	*04/11/23 20:01*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/10/23 11:34*	*04/11/23 20:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**217**		4.98		mg/Kg			04/13/23 17:34	1

Client Sample ID: CF-284-00.3-NA-P
Lab Sample ID: 880-26926-20
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:41	04/13/23 06:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:41	04/13/23 06:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:41	04/13/23 06:07	1
m,p-Xylenes	<0.00404	U *- *1	0.00404		mg/Kg		04/10/23 14:41	04/13/23 06:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:41	04/13/23 06:07	1
Xylenes, Total	<0.00404	U *- *1	0.00404		mg/Kg		04/10/23 14:41	04/13/23 06:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*04/10/23 14:41*	*04/13/23 06:07*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*04/10/23 14:41*	*04/13/23 06:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/13/23 13:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/10/23 11:34	04/11/23 20:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 20:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/10/23 11:34*	*04/11/23 20:22*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*04/10/23 11:34*	*04/11/23 20:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.5**		5.01		mg/Kg			04/13/23 17:39	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-285-00.3-NA-P
Lab Sample ID: 880-26926-21
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 11:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 11:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 11:27	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:43	04/13/23 11:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 11:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:43	04/13/23 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/10/23 14:43*	*04/13/23 11:27*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/10/23 14:43*	*04/13/23 11:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 11:39	04/11/23 22:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:39	04/11/23 22:09	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:39	04/11/23 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/10/23 11:39*	*04/11/23 22:09*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/10/23 11:39*	*04/11/23 22:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**		4.99		mg/Kg			04/13/23 17:44	1

Client Sample ID: CF-286-00.3-NA-P
Lab Sample ID: 880-26926-22
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 11:47	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		04/10/23 14:43	04/13/23 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 11:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 14:43	04/13/23 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/10/23 14:43*	*04/13/23 11:47*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/10/23 14:43*	*04/13/23 11:47*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-286-00.3-NA-P
Lab Sample ID: 880-26926-22
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/23 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/11/23 23:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/11/23 23:13	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/11/23 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/10/23 11:40*	*04/11/23 23:13*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/10/23 11:40*	*04/11/23 23:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**194**		5.03		mg/Kg			04/13/23 17:49	1

Client Sample ID: CF-287-00.3-NA-P
Lab Sample ID: 880-26926-23
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 12:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 12:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 12:08	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		04/10/23 14:43	04/13/23 12:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 12:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/23 14:43	04/13/23 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*04/10/23 14:43*	*04/13/23 12:08*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/10/23 14:43*	*04/13/23 12:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/13/23 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/11/23 23:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/11/23 23:34	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-287-00.3-NA-P
Lab Sample ID: 880-26926-23
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/11/23 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/10/23 11:40*	*04/11/23 23:34*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*04/10/23 11:40*	*04/11/23 23:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**157**		5.05		mg/Kg			04/13/23 18:03	1

Client Sample ID: CF-288-00.3-NA-P
Lab Sample ID: 880-26926-24
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 12:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 12:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 12:29	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:43	04/13/23 12:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 12:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:43	04/13/23 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/10/23 14:43*	*04/13/23 12:29*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/10/23 14:43*	*04/13/23 12:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/11/23 23:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/11/23 23:56	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/11/23 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/10/23 11:40*	*04/11/23 23:56*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/10/23 11:40*	*04/11/23 23:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**165**		5.02		mg/Kg			04/13/23 18:08	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Client Sample ID: CF-289-00.3-NA-P

Lab Sample ID: 880-26926-25
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 12:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 12:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 12:49	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:43	04/13/23 12:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 12:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:43	04/13/23 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/10/23 14:43*	*04/13/23 12:49*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*04/10/23 14:43*	*04/13/23 12:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 00:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 00:17	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/10/23 11:40*	*04/12/23 00:17*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*04/10/23 11:40*	*04/12/23 00:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**208**		4.98		mg/Kg			04/13/23 18:23	1

Client Sample ID: CF-290-00.3-NA-P

Lab Sample ID: 880-26926-26
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 13:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 13:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 13:10	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		04/10/23 14:43	04/13/23 13:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 13:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 14:43	04/13/23 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/10/23 14:43*	*04/13/23 13:10*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/23 14:43*	*04/13/23 13:10*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-290-00.3-NA-P
Lab Sample ID: 880-26926-26
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/23 16:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 00:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 00:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/10/23 11:40*	*04/12/23 00:38*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*04/10/23 11:40*	*04/12/23 00:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**181**		4.97		mg/Kg			04/13/23 18:28	1

Client Sample ID: CF-291-00.3-NA-P
Lab Sample ID: 880-26926-27
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 13:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 13:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 13:31	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		04/10/23 14:43	04/13/23 13:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 13:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 14:43	04/13/23 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/10/23 14:43*	*04/13/23 13:31*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*04/10/23 14:43*	*04/13/23 13:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/23 16:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 01:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 01:00	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-291-00.3-NA-P
Lab Sample ID: 880-26926-27
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/10/23 11:40*	*04/12/23 01:00*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/10/23 11:40*	*04/12/23 01:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**192**		4.97		mg/Kg			04/13/23 18:32	1

Client Sample ID: CF-292-00.3-NA-P
Lab Sample ID: 880-26926-28
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:43	04/13/23 13:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:43	04/13/23 13:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:43	04/13/23 13:51	1
m,p-Xylenes	<0.00396	U *+	0.00396		mg/Kg		04/10/23 14:43	04/13/23 13:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:43	04/13/23 13:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/23 14:43	04/13/23 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/10/23 14:43*	*04/13/23 13:51*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*04/10/23 14:43*	*04/13/23 13:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/23 16:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/12/23 01:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/12/23 01:21	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/12/23 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/10/23 11:40*	*04/12/23 01:21*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/10/23 11:40*	*04/12/23 01:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**164**		4.99		mg/Kg			04/13/23 18:37	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-293-00.3-NA-P

Lab Sample ID: 880-26926-29
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 14:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 14:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 14:12	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:43	04/13/23 14:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 14:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:43	04/13/23 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/10/23 14:43*	*04/13/23 14:12*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*04/10/23 14:43*	*04/13/23 14:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 16:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 01:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 01:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/10/23 11:40*	*04/12/23 01:43*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/10/23 11:40*	*04/12/23 01:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**191**		5.03		mg/Kg			04/13/23 18:42	1

Client Sample ID: CF-294-00.3-NA-P

Lab Sample ID: 880-26926-30
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 14:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 14:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 14:33	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:43	04/13/23 14:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 14:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:43	04/13/23 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/10/23 14:43*	*04/13/23 14:33*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/23 14:43*	*04/13/23 14:33*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-294-00.3-NA-P
Lab Sample ID: 880-26926-30
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/23 16:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 02:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 02:05	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/10/23 11:40*	*04/12/23 02:05*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/10/23 11:40*	*04/12/23 02:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**147**		5.01		mg/Kg			04/13/23 18:52	1

Client Sample ID: CF-295-00.3-NA-P
Lab Sample ID: 880-26926-31
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 15:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 15:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 15:57	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		04/10/23 14:43	04/13/23 15:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 15:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 14:43	04/13/23 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/10/23 14:43*	*04/13/23 15:57*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*04/10/23 14:43*	*04/13/23 15:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/14/23 10:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 02:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 02:48	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-295-00.3-NA-P

Lab Sample ID: 880-26926-31
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/10/23 11:40*	*04/12/23 02:48*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/10/23 11:40*	*04/12/23 02:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**182**		5.05		mg/Kg			04/13/23 18:47	1

Client Sample ID: CF-296-00.3-NA-S

Lab Sample ID: 880-26926-32
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:43	04/13/23 16:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:43	04/13/23 16:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:43	04/13/23 16:18	1
m,p-Xylenes	<0.00403	U *+	0.00403		mg/Kg		04/10/23 14:43	04/13/23 16:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:43	04/13/23 16:18	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/10/23 14:43	04/13/23 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/10/23 14:43*	*04/13/23 16:18*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*04/10/23 14:43*	*04/13/23 16:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/14/23 10:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/11/23 09:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 14:37	04/10/23 17:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 14:37	04/10/23 17:55	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 14:37	04/10/23 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*04/07/23 14:37*	*04/10/23 17:55*	*1*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*	*04/07/23 14:37*	*04/10/23 17:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**191**		4.99		mg/Kg			04/13/23 19:31	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-297-00.3-NA-S
Lab Sample ID: 880-26926-33
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 16:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 16:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 16:38	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:43	04/13/23 16:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 16:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:43	04/13/23 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/10/23 14:43*	*04/13/23 16:38*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*04/10/23 14:43*	*04/13/23 16:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 10:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/11/23 09:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/23 14:37	04/10/23 18:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/23 14:37	04/10/23 18:15	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/23 14:37	04/10/23 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*04/07/23 14:37*	*04/10/23 18:15*	*1*
o-Terphenyl (Surr)	*69*	*S1-*	*70 - 130*	*04/07/23 14:37*	*04/10/23 18:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**205**		4.97		mg/Kg			04/13/23 19:45	1

Client Sample ID: CF-298-00.3-NA-S
Lab Sample ID: 880-26926-34
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 16:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 16:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 16:59	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		04/10/23 14:43	04/13/23 16:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 16:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 14:43	04/13/23 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/10/23 14:43*	*04/13/23 16:59*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/10/23 14:43*	*04/13/23 16:59*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-298-00.3-NA-S
Lab Sample ID: 880-26926-34
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/14/23 10:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/23 09:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:37	04/10/23 18:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:37	04/10/23 18:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:37	04/10/23 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*04/07/23 14:37*	*04/10/23 18:35*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*04/07/23 14:37*	*04/10/23 18:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**182**		5.03		mg/Kg			04/13/23 19:50	1

Client Sample ID: CF-299-00.3-NA-S
Lab Sample ID: 880-26926-35
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 17:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 17:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 17:20	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		04/10/23 14:43	04/13/23 17:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 17:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/23 14:43	04/13/23 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/10/23 14:43*	*04/13/23 17:20*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*04/10/23 14:43*	*04/13/23 17:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/14/23 10:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/23 09:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:37	04/10/23 18:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:37	04/10/23 18:56	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-299-00.3-NA-S
Lab Sample ID: 880-26926-35
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:37	04/10/23 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*63*	*S1-*	*70 - 130*	*04/07/23 14:37*	*04/10/23 18:56*	*1*
o-Terphenyl (Surr)	*65*	*S1-*	*70 - 130*	*04/07/23 14:37*	*04/10/23 18:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**158**		5.05		mg/Kg			04/13/23 19:55	1

Client Sample ID: CF-300-00.3-NA-S
Lab Sample ID: 880-26926-36
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 17:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 17:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 17:40	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:43	04/13/23 17:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 17:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:43	04/13/23 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/10/23 14:43*	*04/13/23 17:40*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*04/10/23 14:43*	*04/13/23 17:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 10:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/23 09:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/23 14:37	04/10/23 19:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/23 14:37	04/10/23 19:16	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/23 14:37	04/10/23 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*64*	*S1-*	*70 - 130*	*04/07/23 14:37*	*04/10/23 19:16*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*04/07/23 14:37*	*04/10/23 19:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**127**		5.05		mg/Kg			04/13/23 20:00	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-301-00.3-NA-S
Lab Sample ID: 880-26926-37
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 18:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 18:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 18:01	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		04/10/23 14:43	04/13/23 18:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 18:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 14:43	04/13/23 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/23 14:43*	*04/13/23 18:01*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/10/23 14:43*	*04/13/23 18:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/14/23 10:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 03:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 03:09	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/10/23 11:40*	*04/12/23 03:09*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/10/23 11:40*	*04/12/23 03:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		5.02		mg/Kg			04/13/23 20:14	1

Client Sample ID: CF-302-00.3-NA-S
Lab Sample ID: 880-26926-38
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 18:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 18:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 18:22	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:43	04/13/23 18:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 18:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:43	04/13/23 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/10/23 14:43*	*04/13/23 18:22*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/10/23 14:43*	*04/13/23 18:22*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-302-00.3-NA-S
Lab Sample ID: 880-26926-38
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 10:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 03:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 03:31	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/10/23 11:40*	*04/12/23 03:31*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/10/23 11:40*	*04/12/23 03:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		4.96		mg/Kg			04/13/23 20:19	1

Client Sample ID: CF-303-00.3-NA-S
Lab Sample ID: 880-26926-39
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 18:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 18:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 18:43	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:43	04/13/23 18:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:43	04/13/23 18:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:43	04/13/23 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/10/23 14:43*	*04/13/23 18:43*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*04/10/23 14:43*	*04/13/23 18:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 10:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/12/23 03:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/12/23 03:52	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-303-00.3-NA-S
Lab Sample ID: 880-26926-39
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/12/23 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/10/23 11:40*	*04/12/23 03:52*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*04/10/23 11:40*	*04/12/23 03:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**118**		4.97		mg/Kg			04/13/23 20:24	1

Client Sample ID: CF-304-00.3-NA-S
Lab Sample ID: 880-26926-40
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 19:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 19:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 19:04	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		04/10/23 14:43	04/13/23 19:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:43	04/13/23 19:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 14:43	04/13/23 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/23 14:43*	*04/13/23 19:04*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*04/10/23 14:43*	*04/13/23 19:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/14/23 10:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/12/23 04:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/12/23 04:13	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/12/23 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/10/23 11:40*	*04/12/23 04:13*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/10/23 11:40*	*04/12/23 04:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**132**		5.04		mg/Kg			04/13/23 20:29	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-305-00.3-NA-S
Lab Sample ID: 880-26926-41
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 19:18	1
Toluene	<0.00199	U *+ F2 F1	0.00199		mg/Kg		04/10/23 14:44	04/13/23 19:18	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 19:18	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/13/23 19:18	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 19:18	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/13/23 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/10/23 14:44*	*04/13/23 19:18*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/10/23 14:44*	*04/13/23 19:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 04:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 04:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/23 11:40*	*04/12/23 04:35*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/10/23 11:40*	*04/12/23 04:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**215**		4.99		mg/Kg			04/13/23 20:33	1

Client Sample ID: CF-306-00.3-NA-S
Lab Sample ID: 880-26926-42
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 19:45	1
Toluene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 19:45	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 19:45	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/13/23 19:45	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 19:45	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/13/23 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/10/23 14:44*	*04/13/23 19:45*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/10/23 14:44*	*04/13/23 19:45*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-306-00.3-NA-S
Lab Sample ID: 880-26926-42
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 04:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 04:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 04:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/10/23 11:40*	*04/12/23 04:56*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/10/23 11:40*	*04/12/23 04:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**271**	**F1**	5.01		mg/Kg			04/13/23 20:38	1

Client Sample ID: CF-307-00.3-NA-S
Lab Sample ID: 880-26926-43
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/13/23 20:12	1
Toluene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/13/23 20:12	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/13/23 20:12	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		04/10/23 14:44	04/13/23 20:12	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/13/23 20:12	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		04/10/23 14:44	04/13/23 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/10/23 14:44*	*04/13/23 20:12*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/10/23 14:44*	*04/13/23 20:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/12/23 05:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/12/23 05:17	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-307-00.3-NA-S
Lab Sample ID: 880-26926-43
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 11:40	04/12/23 05:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/10/23 11:40*	*04/12/23 05:17*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/10/23 11:40*	*04/12/23 05:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**161**		4.98		mg/Kg			04/13/23 20:45	1

Client Sample ID: CF-308-00.3-NA-S
Lab Sample ID: 880-26926-44
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 20:38	1
Toluene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 20:38	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 20:38	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/13/23 20:38	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 20:38	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/13/23 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*04/10/23 14:44*	*04/13/23 20:38*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/10/23 14:44*	*04/13/23 20:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 05:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 05:39	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 11:40	04/12/23 05:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/10/23 11:40*	*04/12/23 05:39*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/10/23 11:40*	*04/12/23 05:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**275**		5.00		mg/Kg			04/13/23 20:50	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-309-00.3-NA-S

Lab Sample ID: 880-26926-45
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 21:05	1
Toluene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 21:05	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 21:05	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/13/23 21:05	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 21:05	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/13/23 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/10/23 14:44*	*04/13/23 21:05*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/10/23 14:44*	*04/13/23 21:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 06:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 06:01	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:40	04/12/23 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*04/10/23 11:40*	*04/12/23 06:01*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/10/23 11:40*	*04/12/23 06:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**225**		5.04		mg/Kg			04/13/23 21:05	1

Client Sample ID: CF-310-00.3-NA-S

Lab Sample ID: 880-26926-46
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+	0.00201		mg/Kg		04/10/23 14:44	04/13/23 21:32	1
Toluene	<0.00201	U *+	0.00201		mg/Kg		04/10/23 14:44	04/13/23 21:32	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		04/10/23 14:44	04/13/23 21:32	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		04/10/23 14:44	04/13/23 21:32	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		04/10/23 14:44	04/13/23 21:32	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		04/10/23 14:44	04/13/23 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/10/23 14:44*	*04/13/23 21:32*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/10/23 14:44*	*04/13/23 21:32*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-310-00.3-NA-S
Lab Sample ID: 880-26926-46
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/23 15:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 12:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 12:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*68*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 12:38*	*1*
o-Terphenyl (Surr)	*65*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 12:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		4.97		mg/Kg			04/13/23 21:10	1

Client Sample ID: CF-311-00.3-NA-S
Lab Sample ID: 880-26926-47
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+	0.00202		mg/Kg		04/10/23 14:44	04/13/23 21:58	1
Toluene	<0.00202	U *+	0.00202		mg/Kg		04/10/23 14:44	04/13/23 21:58	1
Ethylbenzene	<0.00202	U *+	0.00202		mg/Kg		04/10/23 14:44	04/13/23 21:58	1
m,p-Xylenes	<0.00404	U *+	0.00404		mg/Kg		04/10/23 14:44	04/13/23 21:58	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		04/10/23 14:44	04/13/23 21:58	1
Xylenes, Total	<0.00404	U *+	0.00404		mg/Kg		04/10/23 14:44	04/13/23 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/10/23 14:44*	*04/13/23 21:58*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/10/23 14:44*	*04/13/23 21:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/23 15:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 13:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 13:45	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-311-00.3-NA-S
Lab Sample ID: 880-26926-47
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*68*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 13:45*	*1*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 13:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		5.02		mg/Kg			04/13/23 21:14	1

Client Sample ID: CF-312-00.3-NA-S
Lab Sample ID: 880-26926-48
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 22:25	1
Toluene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 22:25	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 22:25	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/13/23 22:25	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 22:25	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/13/23 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/10/23 14:44*	*04/13/23 22:25*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/10/23 14:44*	*04/13/23 22:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/23 15:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 14:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 14:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*64*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 14:06*	*1*
o-Terphenyl (Surr)	*63*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 14:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		5.02		mg/Kg			04/13/23 21:19	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-313-00.3-NA-S
Lab Sample ID: 880-26926-49
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 22:51	1
Toluene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 22:51	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 22:51	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/13/23 22:51	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/13/23 22:51	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/13/23 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*04/10/23 14:44*	*04/13/23 22:51*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/10/23 14:44*	*04/13/23 22:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/11/23 15:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/23 12:54	04/11/23 14:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 12:54	04/11/23 14:28	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 12:54	04/11/23 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*70*		*70 - 130*	*04/10/23 12:54*	*04/11/23 14:28*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*04/10/23 12:54*	*04/11/23 14:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**301**		4.99		mg/Kg			04/13/23 21:24	1

Client Sample ID: CF-314-00.3-NA-S
Lab Sample ID: 880-26926-50
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/13/23 23:18	1
Toluene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/13/23 23:18	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/13/23 23:18	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		04/10/23 14:44	04/13/23 23:18	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/13/23 23:18	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		04/10/23 14:44	04/13/23 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/10/23 14:44*	*04/13/23 23:18*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/23 14:44*	*04/13/23 23:18*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-314-00.3-NA-S
Lab Sample ID: 880-26926-50
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/23 15:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 14:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 14:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 14:51*	*1*
o-Terphenyl (Surr)	*63*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 14:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.3**		5.05		mg/Kg			04/13/23 21:29	1

Client Sample ID: CF-315-00.3-NA-S
Lab Sample ID: 880-26926-51
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/14/23 01:05	1
Toluene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/14/23 01:05	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/14/23 01:05	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		04/10/23 14:44	04/14/23 01:05	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/14/23 01:05	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		04/10/23 14:44	04/14/23 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/10/23 14:44*	*04/14/23 01:05*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/10/23 14:44*	*04/14/23 01:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 15:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 15:12	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-315-00.3-NA-S
Lab Sample ID: 880-26926-51
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*04/10/23 12:54*	*04/11/23 15:12*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*04/10/23 12:54*	*04/11/23 15:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		5.03		mg/Kg			04/13/23 21:34	1

Client Sample ID: CF-316-00.3-NA-S
Lab Sample ID: 880-26926-52
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *+	0.00198		mg/Kg		04/10/23 14:44	04/14/23 01:32	1
Toluene	<0.00198	U *+	0.00198		mg/Kg		04/10/23 14:44	04/14/23 01:32	1
Ethylbenzene	<0.00198	U *+	0.00198		mg/Kg		04/10/23 14:44	04/14/23 01:32	1
m,p-Xylenes	<0.00396	U *+	0.00396		mg/Kg		04/10/23 14:44	04/14/23 01:32	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		04/10/23 14:44	04/14/23 01:32	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		04/10/23 14:44	04/14/23 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/10/23 14:44*	*04/14/23 01:32*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/10/23 14:44*	*04/14/23 01:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 15:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 15:35	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/10/23 12:54*	*04/11/23 15:35*	*1*
o-Terphenyl (Surr)	*75*		*70 - 130*	*04/10/23 12:54*	*04/11/23 15:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.8**		4.97		mg/Kg			04/13/23 22:12	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Client Sample ID: CF-317-00.3-NA-S

Lab Sample ID: 880-26926-53
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/14/23 01:59	1
Toluene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/14/23 01:59	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/14/23 01:59	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/14/23 01:59	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/14/23 01:59	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/14/23 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/10/23 14:44*	*04/14/23 01:59*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/10/23 14:44*	*04/14/23 01:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/23 12:54	04/11/23 15:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 12:54	04/11/23 15:57	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 12:54	04/11/23 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 15:57*	*1*
o-Terphenyl (Surr)	*62*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 15:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.3**		4.95		mg/Kg			04/13/23 22:27	1

Client Sample ID: CF-318-00.3-NA-S

Lab Sample ID: 880-26926-54
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/14/23 02:26	1
Toluene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/14/23 02:26	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/14/23 02:26	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/14/23 02:26	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		04/10/23 14:44	04/14/23 02:26	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		04/10/23 14:44	04/14/23 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/10/23 14:44*	*04/14/23 02:26*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/10/23 14:44*	*04/14/23 02:26*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-318-00.3-NA-S
Lab Sample ID: 880-26926-54
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 16:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 16:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*63*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 16:18*	*1*
o-Terphenyl (Surr)	*64*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 16:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.8**		4.98		mg/Kg			04/13/23 22:32	1

Client Sample ID: CF-319-00.3-NA-S
Lab Sample ID: 880-26926-55
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/14/23 02:52	1
Toluene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/14/23 02:52	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/14/23 02:52	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		04/10/23 14:44	04/14/23 02:52	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/14/23 02:52	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		04/10/23 14:44	04/14/23 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/10/23 14:44*	*04/14/23 02:52*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/10/23 14:44*	*04/14/23 02:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 16:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 16:40	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-319-00.3-NA-S
Lab Sample ID: 880-26926-55
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 16:40*	*1*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 16:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.5**		5.04		mg/Kg			04/13/23 22:37	1

Client Sample ID: CF-320-00.3-NA-S
Lab Sample ID: 880-26926-56
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/14/23 03:19	1
Toluene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/14/23 03:19	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/14/23 03:19	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		04/10/23 14:44	04/14/23 03:19	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		04/10/23 14:44	04/14/23 03:19	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		04/10/23 14:44	04/14/23 03:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/10/23 14:44*	*04/14/23 03:19*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/10/23 14:44*	*04/14/23 03:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 17:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 17:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*64*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 17:25*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 17:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.6**		5.02		mg/Kg			04/13/23 22:41	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-321-00.3-NA-S
Lab Sample ID: 880-26926-57
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+	0.00201		mg/Kg		04/10/23 14:44	04/14/23 03:46	1
Toluene	<0.00201	U *+	0.00201		mg/Kg		04/10/23 14:44	04/14/23 03:46	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		04/10/23 14:44	04/14/23 03:46	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		04/10/23 14:44	04/14/23 03:46	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		04/10/23 14:44	04/14/23 03:46	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		04/10/23 14:44	04/14/23 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/10/23 14:44*	*04/14/23 03:46*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/10/23 14:44*	*04/14/23 03:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/14/23 10:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 17:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 17:46	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*62*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 17:46*	*1*
o-Terphenyl (Surr)	*64*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 17:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.6**		4.99		mg/Kg			04/13/23 22:56	1

Client Sample ID: CF-322-00.3-NA-S
Lab Sample ID: 880-26926-58
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/14/23 08:55	04/14/23 18:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/14/23 08:55	04/14/23 18:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/14/23 08:55	04/14/23 18:18	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/14/23 08:55	04/14/23 18:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/14/23 08:55	04/14/23 18:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/14/23 08:55	04/14/23 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/14/23 08:55*	*04/14/23 18:18*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/14/23 08:55*	*04/14/23 18:18*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-322-00.3-NA-S
Lab Sample ID: 880-26926-58
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 18:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/23 12:54	04/11/23 18:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 12:54	04/11/23 18:06	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 12:54	04/11/23 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 18:06*	*1*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 18:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**142**		4.99		mg/Kg			04/13/23 23:01	1

Client Sample ID: CF-323-00.3-NA-S
Lab Sample ID: 880-26926-59
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/14/23 08:55	04/14/23 18:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/14/23 08:55	04/14/23 18:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/14/23 08:55	04/14/23 18:39	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/14/23 08:55	04/14/23 18:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/14/23 08:55	04/14/23 18:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/14/23 08:55	04/14/23 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/14/23 08:55*	*04/14/23 18:39*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*04/14/23 08:55*	*04/14/23 18:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 18:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 18:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 18:26	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-323-00.3-NA-S
Lab Sample ID: 880-26926-59
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*04/10/23 12:54*	*04/11/23 18:26*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*04/10/23 12:54*	*04/11/23 18:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72.4**		5.00		mg/Kg			04/13/23 23:06	1

Client Sample ID: CF-324-00.3-NA-S
Lab Sample ID: 880-26926-60
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/14/23 08:55	04/14/23 18:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/14/23 08:55	04/14/23 18:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/14/23 08:55	04/14/23 18:59	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/14/23 08:55	04/14/23 18:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/14/23 08:55	04/14/23 18:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/14/23 08:55	04/14/23 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/14/23 08:55*	*04/14/23 18:59*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/14/23 08:55*	*04/14/23 18:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/16/23 11:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/23 12:54	04/11/23 18:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 12:54	04/11/23 18:46	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 12:54	04/11/23 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*67*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 18:46*	*1*
o-Terphenyl (Surr)	*72*		*70 - 130*	*04/10/23 12:54*	*04/11/23 18:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		5.01		mg/Kg			04/13/23 23:10	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-325-00.3-NA-S

Lab Sample ID: 880-26926-61
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		04/10/23 14:45	04/14/23 12:14	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		04/10/23 14:45	04/14/23 12:14	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		04/10/23 14:45	04/14/23 12:14	1
m,p-Xylenes	<0.00402	U F1	0.00402		mg/Kg		04/10/23 14:45	04/14/23 12:14	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		04/10/23 14:45	04/14/23 12:14	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		04/10/23 14:45	04/14/23 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/10/23 14:45*	*04/14/23 12:14*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/10/23 14:45*	*04/14/23 12:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/14/23 17:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 19:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 19:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*67*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 19:06*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 19:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.2**		5.04		mg/Kg			04/13/23 23:15	1

Client Sample ID: CF-326-00.3-NA-S

Lab Sample ID: 880-26926-62
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 12:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 12:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 12:40	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/23 14:45	04/14/23 12:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 12:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/23 14:45	04/14/23 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/10/23 14:45*	*04/14/23 12:40*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/10/23 14:45*	*04/14/23 12:40*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-326-00.3-NA-S
Lab Sample ID: 880-26926-62
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/14/23 17:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 19:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 19:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*64*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 19:26*	*1*
o-Terphenyl (Surr)	*62*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 19:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**141**		5.03		mg/Kg			04/13/23 23:20	1

Client Sample ID: CW-001-02.0-NA-P
Lab Sample ID: 880-26926-63
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 13:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 13:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 13:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 13:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 13:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/10/23 14:45*	*04/14/23 13:07*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/10/23 14:45*	*04/14/23 13:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 17:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 19:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 19:47	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-001-02.0-NA-P

Lab Sample ID: 880-26926-63
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:54	04/11/23 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*68*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 19:47*	*1*
o-Terphenyl (Surr)	*68*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 19:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		4.98		mg/Kg			04/13/23 23:35	1

Client Sample ID: CW-002-02.0-NA-P

Lab Sample ID: 880-26926-64
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 13:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 13:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 13:34	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 13:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 13:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*04/10/23 14:45*	*04/14/23 13:34*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/10/23 14:45*	*04/14/23 13:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 17:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 20:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 20:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*68*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 20:06*	*1*
o-Terphenyl (Surr)	*69*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 20:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**201**		4.99		mg/Kg			04/13/23 23:39	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-003-02.0-NA-P

Lab Sample ID: 880-26926-65
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 14:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 14:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 14:00	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/23 14:45	04/14/23 14:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 14:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 14:45	04/14/23 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/10/23 14:45*	*04/14/23 14:00*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/10/23 14:45*	*04/14/23 14:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/14/23 17:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/12/23 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 20:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 20:26	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*68*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 20:26*	*1*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*	*04/10/23 12:54*	*04/11/23 20:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**222**		5.04		mg/Kg			04/13/23 23:54	1

Client Sample ID: CW-004-02.0-NA-P

Lab Sample ID: 880-26926-66
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 14:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 14:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 14:26	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/23 14:45	04/14/23 14:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 14:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 14:45	04/14/23 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/10/23 14:45*	*04/14/23 14:26*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/10/23 14:45*	*04/14/23 14:26*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-004-02.0-NA-P
Lab Sample ID: 880-26926-66
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/14/23 17:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**51.6**		50.0		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 11:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 11:47	1
Oil Range Organics (Over C28-C36)	**51.6**		50.0		mg/Kg		04/10/23 12:57	04/12/23 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/10/23 12:57*	*04/12/23 11:47*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*04/10/23 12:57*	*04/12/23 11:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**202**		4.95		mg/Kg			04/13/23 23:59	1

Client Sample ID: CW-005-02.0-NA-P
Lab Sample ID: 880-26926-67
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:45	04/14/23 14:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:45	04/14/23 14:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:45	04/14/23 14:53	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/10/23 14:45	04/14/23 14:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/23 14:45	04/14/23 14:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/10/23 14:45	04/14/23 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/10/23 14:45*	*04/14/23 14:53*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/10/23 14:45*	*04/14/23 14:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/14/23 17:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 12:53	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-005-02.0-NA-P
Lab Sample ID: 880-26926-67
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 12:53	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/10/23 12:57*	*04/12/23 12:53*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/10/23 12:57*	*04/12/23 12:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**182**		5.02		mg/Kg			04/14/23 00:04	1

Client Sample ID: CW-006-02.0-NA-P
Lab Sample ID: 880-26926-68
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 15:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 15:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 15:19	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 15:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 15:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/10/23 14:45*	*04/14/23 15:19*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/10/23 14:45*	*04/14/23 15:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 17:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 13:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 13:15	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/10/23 12:57*	*04/12/23 13:15*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/10/23 12:57*	*04/12/23 13:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		5.03		mg/Kg			04/14/23 00:08	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-007-02.0-NA-P
Lab Sample ID: 880-26926-69
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 15:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 15:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 15:46	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 15:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 15:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*04/10/23 14:45*	*04/14/23 15:46*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/10/23 14:45*	*04/14/23 15:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/23 17:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/23 12:57	04/12/23 13:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 12:57	04/12/23 13:36	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 12:57	04/12/23 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*04/10/23 12:57*	*04/12/23 13:36*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/10/23 12:57*	*04/12/23 13:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		4.99		mg/Kg			04/14/23 00:13	1

Client Sample ID: CW-008-02.0-NA-P
Lab Sample ID: 880-26926-70
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 16:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 16:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 16:12	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/23 14:45	04/14/23 16:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 16:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 14:45	04/14/23 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*04/10/23 14:45*	*04/14/23 16:12*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/10/23 14:45*	*04/14/23 16:12*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-008-02.0-NA-P
Lab Sample ID: 880-26926-70
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/14/23 17:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 13:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 13:58	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*04/10/23 12:57*	*04/12/23 13:58*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/10/23 12:57*	*04/12/23 13:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**161**		4.95		mg/Kg			04/14/23 00:18	1

Client Sample ID: CW-009-02.0-NA-P
Lab Sample ID: 880-26926-71
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 17:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 17:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 17:58	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/23 14:45	04/14/23 17:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 17:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 14:45	04/14/23 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/10/23 14:45*	*04/14/23 17:58*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/10/23 14:45*	*04/14/23 17:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/16/23 11:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 14:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 14:20	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-009-02.0-NA-P

Lab Sample ID: 880-26926-71
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*04/10/23 12:57*	*04/12/23 14:20*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/10/23 12:57*	*04/12/23 14:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**347**		4.98		mg/Kg			04/14/23 00:23	1

Client Sample ID: CW-010-02.0-NA-P

Lab Sample ID: 880-26926-72
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 18:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 18:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 18:24	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/23 14:45	04/14/23 18:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 18:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 14:45	04/14/23 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/10/23 14:45*	*04/14/23 18:24*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/10/23 14:45*	*04/14/23 18:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/16/23 11:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 14:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 14:42	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/10/23 12:57*	*04/12/23 14:42*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/10/23 12:57*	*04/12/23 14:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**153**		5.04		mg/Kg			04/13/23 16:20	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-011-02.0-NA-P
Lab Sample ID: 880-26926-73
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 18:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 18:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 18:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 18:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 18:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/10/23 14:45*	*04/14/23 18:51*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/10/23 14:45*	*04/14/23 18:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 11:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 15:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 15:04	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/10/23 12:57*	*04/12/23 15:04*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/10/23 12:57*	*04/12/23 15:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**186**		5.00		mg/Kg			04/13/23 16:34	1

Client Sample ID: CW-012-02.0-NA-P
Lab Sample ID: 880-26926-74
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:45	04/14/23 19:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:45	04/14/23 19:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:45	04/14/23 19:17	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/23 14:45	04/14/23 19:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:45	04/14/23 19:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/23 14:45	04/14/23 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*04/10/23 14:45*	*04/14/23 19:17*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*04/10/23 14:45*	*04/14/23 19:17*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-012-02.0-NA-P
Lab Sample ID: 880-26926-74
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/16/23 11:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 16:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 16:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/10/23 12:57*	*04/12/23 16:28*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/10/23 12:57*	*04/12/23 16:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**168**		5.00		mg/Kg			04/13/23 16:52	1

Client Sample ID: CW-013-02.0-NA-P
Lab Sample ID: 880-26926-75
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 19:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 19:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 19:43	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 19:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 19:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*04/10/23 14:45*	*04/14/23 19:43*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/10/23 14:45*	*04/14/23 19:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 11:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 16:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 16:49	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-013-02.0-NA-P
Lab Sample ID: 880-26926-75
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*04/10/23 12:57*	*04/12/23 16:49*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/10/23 12:57*	*04/12/23 16:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**132**		4.99		mg/Kg			04/13/23 16:57	1

Client Sample ID: CW-014-02.0-NA-P
Lab Sample ID: 880-26926-76
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 20:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 20:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 20:09	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/23 14:45	04/14/23 20:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 20:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 14:45	04/14/23 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*04/10/23 14:45*	*04/14/23 20:09*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/10/23 14:45*	*04/14/23 20:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/16/23 11:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/23 12:57	04/12/23 17:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 12:57	04/12/23 17:32	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 12:57	04/12/23 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*04/10/23 12:57*	*04/12/23 17:32*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*04/10/23 12:57*	*04/12/23 17:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**161**		4.97		mg/Kg			04/13/23 17:01	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-015-02.0-NA-P
Lab Sample ID: 880-26926-77
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 20:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 20:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 20:36	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/23 14:45	04/14/23 20:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:45	04/14/23 20:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 14:45	04/14/23 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/10/23 14:45*	*04/14/23 20:36*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/10/23 14:45*	*04/14/23 20:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/16/23 11:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 17:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 17:54	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*04/10/23 12:57*	*04/12/23 17:54*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/10/23 12:57*	*04/12/23 17:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**155**		5.01		mg/Kg			04/13/23 17:15	1

Client Sample ID: CW-016-02.0-NA-P
Lab Sample ID: 880-26926-78
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 21:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 21:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 21:02	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/23 14:45	04/14/23 21:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 21:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/23 14:45	04/14/23 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*04/10/23 14:45*	*04/14/23 21:02*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/10/23 14:45*	*04/14/23 21:02*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-016-02.0-NA-P
Lab Sample ID: 880-26926-78
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/16/23 11:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 18:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 18:16	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*04/10/23 12:57*	*04/12/23 18:16*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*04/10/23 12:57*	*04/12/23 18:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		5.03		mg/Kg			04/13/23 17:20	1

Client Sample ID: CW-017-02.0-NA-P
Lab Sample ID: 880-26926-79
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:45	04/14/23 21:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:45	04/14/23 21:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:45	04/14/23 21:28	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/23 14:45	04/14/23 21:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:45	04/14/23 21:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/23 14:45	04/14/23 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*04/10/23 14:45*	*04/14/23 21:28*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*04/10/23 14:45*	*04/14/23 21:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/16/23 11:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 18:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 18:38	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-017-02.0-NA-P

Lab Sample ID: 880-26926-79
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*04/10/23 12:57*	*04/12/23 18:38*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/10/23 12:57*	*04/12/23 18:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**213**		4.97		mg/Kg			04/13/23 17:24	1

Client Sample ID: CW-018-02.0-NA-P

Lab Sample ID: 880-26926-80
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 21:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 21:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 21:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 21:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:45	04/14/23 21:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:45	04/14/23 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*04/10/23 14:45*	*04/14/23 21:55*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/10/23 14:45*	*04/14/23 21:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 11:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/23 12:57	04/12/23 19:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/23 12:57	04/12/23 19:00	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/23 12:57	04/12/23 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/10/23 12:57*	*04/12/23 19:00*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/10/23 12:57*	*04/12/23 19:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**171**		4.95		mg/Kg			04/13/23 17:29	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-019-02.0-NA-P
Lab Sample ID: 880-26926-81
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F2 F1	0.00199		mg/Kg		04/10/23 14:55	04/13/23 22:59	1
Toluene	<0.00199	U F2 F1	0.00199		mg/Kg		04/10/23 14:55	04/13/23 22:59	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		04/10/23 14:55	04/13/23 22:59	1
m,p-Xylenes	<0.00398	U F2 F1	0.00398		mg/Kg		04/10/23 14:55	04/13/23 22:59	1
o-Xylene	<0.00199	U F2 F1	0.00199		mg/Kg		04/10/23 14:55	04/13/23 22:59	1
Xylenes, Total	<0.00398	U F2 F1	0.00398		mg/Kg		04/10/23 14:55	04/13/23 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/23 14:55*	*04/13/23 22:59*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/10/23 14:55*	*04/13/23 22:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 19:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 19:21	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/10/23 12:57*	*04/12/23 19:21*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/10/23 12:57*	*04/12/23 19:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		5.03		mg/Kg			04/13/23 17:33	1

Client Sample ID: CW-020-02.0-NA-P
Lab Sample ID: 880-26926-82
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/13/23 23:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/13/23 23:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/13/23 23:19	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/23 14:55	04/13/23 23:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/13/23 23:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 14:55	04/13/23 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/10/23 14:55*	*04/13/23 23:19*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/10/23 14:55*	*04/13/23 23:19*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-020-02.0-NA-P
Lab Sample ID: 880-26926-82
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 19:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 19:44	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*04/10/23 12:57*	*04/12/23 19:44*	*1*
o-Terphenyl (Surr)	*62*	*S1-*	*70 - 130*	*04/10/23 12:57*	*04/12/23 19:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**159**	**F1**	5.02		mg/Kg			04/13/23 17:38	1

Client Sample ID: CW-021-02.0-NA-P
Lab Sample ID: 880-26926-83
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/13/23 23:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/13/23 23:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/13/23 23:40	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/23 14:55	04/13/23 23:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/13/23 23:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/23 14:55	04/13/23 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/10/23 14:55*	*04/13/23 23:40*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/10/23 14:55*	*04/13/23 23:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 20:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 20:06	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-021-02.0-NA-P
Lab Sample ID: 880-26926-83
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/23 12:57	04/12/23 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*50*	*S1-*	*70 - 130*	*04/10/23 12:57*	*04/12/23 20:06*	*1*
o-Terphenyl (Surr)	*48*	*S1-*	*70 - 130*	*04/10/23 12:57*	*04/12/23 20:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**208**		4.99		mg/Kg			04/13/23 17:52	1

Client Sample ID: CW-022-02.0-NA-P
Lab Sample ID: 880-26926-84
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 00:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 00:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 00:00	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/23 14:55	04/14/23 00:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 00:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 14:55	04/14/23 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*04/10/23 14:55*	*04/14/23 00:00*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/10/23 14:55*	*04/14/23 00:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 20:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 20:28	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*35*	*S1-*	*70 - 130*	*04/10/23 12:57*	*04/12/23 20:28*	*1*
o-Terphenyl (Surr)	*34*	*S1-*	*70 - 130*	*04/10/23 12:57*	*04/12/23 20:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**158**		5.00		mg/Kg			04/13/23 17:56	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-023-02.0-NA-P

Lab Sample ID: 880-26926-85
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:55	04/14/23 00:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:55	04/14/23 00:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:55	04/14/23 00:21	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/23 14:55	04/14/23 00:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:55	04/14/23 00:21	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/23 14:55	04/14/23 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*04/10/23 14:55*	*04/14/23 00:21*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/10/23 14:55*	*04/14/23 00:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/23 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 20:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 20:51	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*24*	*S1-*	*70 - 130*	*04/10/23 12:57*	*04/12/23 20:51*	*1*
o-Terphenyl (Surr)	*22*	*S1-*	*70 - 130*	*04/10/23 12:57*	*04/12/23 20:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**194**		4.96		mg/Kg			04/13/23 18:10	1

Client Sample ID: CW-024-02.0-NA-P

Lab Sample ID: 880-26926-86
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 00:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 00:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 00:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 14:55	04/14/23 00:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 00:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:55	04/14/23 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/10/23 14:55*	*04/14/23 00:41*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/10/23 14:55*	*04/14/23 00:41*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-024-02.0-NA-P
Lab Sample ID: 880-26926-86
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/23 11:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/11/23 12:59	04/12/23 11:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/11/23 12:59	04/12/23 11:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/11/23 12:59	04/12/23 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*1*	*S1-*	*70 - 130*	*04/11/23 12:59*	*04/12/23 11:39*	*1*
o-Terphenyl (Surr)	*0.4*	*S1-*	*70 - 130*	*04/11/23 12:59*	*04/12/23 11:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**163**		5.04		mg/Kg			04/13/23 18:14	1

Client Sample ID: CW-025-02.0-NA-P
Lab Sample ID: 880-26926-87
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 01:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 01:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 01:02	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 14:55	04/14/23 01:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 01:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:55	04/14/23 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*04/10/23 14:55*	*04/14/23 01:02*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/10/23 14:55*	*04/14/23 01:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/23 11:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/11/23 13:00	04/12/23 12:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/11/23 13:00	04/12/23 12:47	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-025-02.0-NA-P
Lab Sample ID: 880-26926-87
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/11/23 13:00	04/12/23 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/11/23 13:00*	*04/12/23 12:47*	*1*
o-Terphenyl (Surr)	*62*	*S1-*	*70 - 130*	*04/11/23 13:00*	*04/12/23 12:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**195**		5.01		mg/Kg			04/13/23 18:19	1

Client Sample ID: CW-026-02.0-NA-P
Lab Sample ID: 880-26926-88
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 01:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 01:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 01:22	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/23 14:55	04/14/23 01:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 01:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 14:55	04/14/23 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/10/23 14:55*	*04/14/23 01:22*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/10/23 14:55*	*04/14/23 01:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/23 11:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/11/23 13:00	04/12/23 13:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/11/23 13:00	04/12/23 13:10	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/11/23 13:00	04/12/23 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*04/11/23 13:00*	*04/12/23 13:10*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*04/11/23 13:00*	*04/12/23 13:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**198**		5.00		mg/Kg			04/13/23 18:24	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-027-02.0-NA-P
Lab Sample ID: 880-26926-89
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:55	04/14/23 01:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:55	04/14/23 01:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:55	04/14/23 01:43	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/23 14:55	04/14/23 01:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:55	04/14/23 01:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 14:55	04/14/23 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/10/23 14:55*	*04/14/23 01:43*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/10/23 14:55*	*04/14/23 01:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/23 11:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/11/23 13:00	04/12/23 13:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/11/23 13:00	04/12/23 13:33	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/11/23 13:00	04/12/23 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/11/23 13:00*	*04/12/23 13:33*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*04/11/23 13:00*	*04/12/23 13:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**284**		4.99		mg/Kg			04/13/23 18:28	1

Client Sample ID: CW-028-02.0-NA-P
Lab Sample ID: 880-26926-90
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:55	04/14/23 02:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:55	04/14/23 02:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:55	04/14/23 02:03	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/23 14:55	04/14/23 02:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:55	04/14/23 02:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 14:55	04/14/23 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/10/23 14:55*	*04/14/23 02:03*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/23 14:55*	*04/14/23 02:03*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-028-02.0-NA-P
Lab Sample ID: 880-26926-90
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/23 11:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/11/23 13:00	04/12/23 13:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/11/23 13:00	04/12/23 13:56	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/11/23 13:00	04/12/23 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/11/23 13:00*	*04/12/23 13:56*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/11/23 13:00*	*04/12/23 13:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**168**		4.99		mg/Kg			04/13/23 18:33	1

Client Sample ID: CW-029-02.0-NA-P
Lab Sample ID: 880-26926-91
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 03:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 03:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 03:26	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 14:55	04/14/23 03:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 03:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:55	04/14/23 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*04/10/23 14:55*	*04/14/23 03:26*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/23 14:55*	*04/14/23 03:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/13/23 11:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/11/23 13:00	04/12/23 14:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/11/23 13:00	04/12/23 14:18	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-029-02.0-NA-P
Lab Sample ID: 880-26926-91
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/11/23 13:00	04/12/23 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*04/11/23 13:00*	*04/12/23 14:18*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*04/11/23 13:00*	*04/12/23 14:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**173**		5.01		mg/Kg			04/13/23 18:37	1

Client Sample ID: CW-030-02.0-NA-P
Lab Sample ID: 880-26926-92
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:55	04/14/23 03:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:55	04/14/23 03:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:55	04/14/23 03:47	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/23 14:55	04/14/23 03:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/23 14:55	04/14/23 03:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/23 14:55	04/14/23 03:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/10/23 14:55*	*04/14/23 03:47*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/10/23 14:55*	*04/14/23 03:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/23 11:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/11/23 13:00	04/12/23 14:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/11/23 13:00	04/12/23 14:41	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/11/23 13:00	04/12/23 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/11/23 13:00*	*04/12/23 14:41*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*04/11/23 13:00*	*04/12/23 14:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**193**		4.98		mg/Kg			04/13/23 10:38	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Client Sample ID: CW-032-02.0-NA-P

Lab Sample ID: 880-26926-93
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 04:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 04:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 04:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/23 14:55	04/14/23 04:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/23 14:55	04/14/23 04:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/23 14:55	04/14/23 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/10/23 14:55*	*04/14/23 04:07*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/10/23 14:55*	*04/14/23 04:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/23 11:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/11/23 13:00	04/12/23 15:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/11/23 13:00	04/12/23 15:04	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/11/23 13:00	04/12/23 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/11/23 13:00*	*04/12/23 15:04*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/11/23 13:00*	*04/12/23 15:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**178**		5.00		mg/Kg			04/13/23 10:53	1

Client Sample ID: CW-31-02.0-NA-P

Lab Sample ID: 880-26926-95
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 04:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 04:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 04:28	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/23 14:55	04/14/23 04:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 04:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/23 14:55	04/14/23 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/10/23 14:55*	*04/14/23 04:28*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/10/23 14:55*	*04/14/23 04:28*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-31-02.0-NA-P
Lab Sample ID: 880-26926-95
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/23 11:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/11/23 13:00	04/12/23 16:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/11/23 13:00	04/12/23 16:23	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/11/23 13:00	04/12/23 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/11/23 13:00*	*04/12/23 16:23*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/11/23 13:00*	*04/12/23 16:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**213**		5.00		mg/Kg			04/13/23 10:57	1

Client Sample ID: CF-344-04.0-NA-P
Lab Sample ID: 880-26926-96
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:55	04/14/23 04:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:55	04/14/23 04:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:55	04/14/23 04:48	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/23 14:55	04/14/23 04:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/23 14:55	04/14/23 04:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/23 14:55	04/14/23 04:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/10/23 14:55*	*04/14/23 04:48*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/23 14:55*	*04/14/23 04:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/23 11:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/11/23 13:00	04/12/23 16:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/11/23 13:00	04/12/23 16:55	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-344-04.0-NA-P

Lab Sample ID: 880-26926-96
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/11/23 13:00	04/12/23 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/11/23 13:00*	*04/12/23 16:55*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/11/23 13:00*	*04/12/23 16:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.7**		5.02		mg/Kg			04/13/23 11:02	1

Client Sample ID: CF-261-00.3-NA-P

Lab Sample ID: 880-26926-97
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 05:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 05:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 05:09	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/23 14:55	04/14/23 05:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/14/23 05:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/23 14:55	04/14/23 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/10/23 14:55*	*04/14/23 05:09*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/10/23 14:55*	*04/14/23 05:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/17/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/13/23 11:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/11/23 13:00	04/12/23 17:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/11/23 13:00	04/12/23 17:40	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/11/23 13:00	04/12/23 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/11/23 13:00*	*04/12/23 17:40*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/11/23 13:00*	*04/12/23 17:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**207**		5.03		mg/Kg			04/13/23 11:07	1

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-26926-1	CF-262-00.3-NA-P	137 S1+	81										
880-26926-1 MS	CF-262-00.3-NA-P	135 S1+	95										
880-26926-1 MSD	CF-262-00.3-NA-P	141 S1+	84										
880-26926-2	CF-263-00.3-NA-P	144 S1+	84										
880-26926-3	CF-264-00.3-NA-P	170 S1+	80										
880-26926-4	CF-267-00.3-NA-P	157 S1+	81										
880-26926-5	CF-268-00.3-NA-P	155 S1+	87										
880-26926-6	CF-269-00.3-NA-P	156 S1+	79										
880-26926-7	CF-270-00.3-NA-P	151 S1+	76										
880-26926-8	CF-271-00.3-NA-P	170 S1+	89										
880-26926-9	CF-272-00.3-NA-P	164 S1+	85										
880-26926-10	CF-273-00.3-NA-P	133 S1+	74										
880-26926-11	CF-274-00.3-NA-P	138 S1+	74										
880-26926-12	CF-275-00.3-NA-P	147 S1+	82										
880-26926-13	CF-276-00.3-NA-P	139 S1+	83										
880-26926-14	CF-278-00.3-NA-P	159 S1+	76										
880-26926-15	CF-279-00.3-NA-P	152 S1+	79										
880-26926-16	CF-280-00.3-NA-P	150 S1+	86										
880-26926-17	CF-281-00.3-NA-P	150 S1+	75										
880-26926-18	CF-282-00.3-NA-P	154 S1+	73										
880-26926-19	CF-283-00.3-NA-P	152 S1+	70										
880-26926-20	CF-284-00.3-NA-P	85	70										
880-26926-21	CF-285-00.3-NA-P	100	106										
880-26926-21 MS	CF-285-00.3-NA-P	124	97										
880-26926-21 MSD	CF-285-00.3-NA-P	116	99										
880-26926-22	CF-286-00.3-NA-P	115	109										
880-26926-23	CF-287-00.3-NA-P	124	110										
880-26926-24	CF-288-00.3-NA-P	108	108										
880-26926-25	CF-289-00.3-NA-P	110	113										
880-26926-26	CF-290-00.3-NA-P	115	91										
880-26926-27	CF-291-00.3-NA-P	119	112										
880-26926-28	CF-292-00.3-NA-P	104	116										
880-26926-29	CF-293-00.3-NA-P	113	114										
880-26926-30	CF-294-00.3-NA-P	117	102										
880-26926-31	CF-295-00.3-NA-P	97	111										
880-26926-32	CF-296-00.3-NA-S	101	116										
880-26926-33	CF-297-00.3-NA-S	111	118										
880-26926-34	CF-298-00.3-NA-S	108	108										
880-26926-35	CF-299-00.3-NA-S	111	111										
880-26926-36	CF-300-00.3-NA-S	107	116										
880-26926-37	CF-301-00.3-NA-S	102	110										
880-26926-38	CF-302-00.3-NA-S	114	108										
880-26926-39	CF-303-00.3-NA-S	107	112										
880-26926-40	CF-304-00.3-NA-S	103	114										
880-26926-41	CF-305-00.3-NA-S	116	89										
880-26926-41 MS	CF-305-00.3-NA-S	107	99										
880-26926-41 MSD	CF-305-00.3-NA-S	109	110										
880-26926-42	CF-306-00.3-NA-S	111	83										
880-26926-43	CF-307-00.3-NA-S	114	82										

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)								
880-26926-44	CF-308-00.3-NA-S	92	74								
880-26926-45	CF-309-00.3-NA-S	113	87								
880-26926-46	CF-310-00.3-NA-S	117	87								
880-26926-47	CF-311-00.3-NA-S	119	89								
880-26926-48	CF-312-00.3-NA-S	101	80								
880-26926-49	CF-313-00.3-NA-S	123	85								
880-26926-50	CF-314-00.3-NA-S	120	91								
880-26926-51	CF-315-00.3-NA-S	100	82								
880-26926-52	CF-316-00.3-NA-S	107	73								
880-26926-53	CF-317-00.3-NA-S	119	80								
880-26926-54	CF-318-00.3-NA-S	104	77								
880-26926-55	CF-319-00.3-NA-S	112	90								
880-26926-56	CF-320-00.3-NA-S	109	86								
880-26926-57	CF-321-00.3-NA-S	107	92								
880-26926-58	CF-322-00.3-NA-S	111	106								
880-26926-59	CF-323-00.3-NA-S	105	118								
880-26926-60	CF-324-00.3-NA-S	93	89								
880-26926-61	CF-325-00.3-NA-S	109	76								
880-26926-61 MS	CF-325-00.3-NA-S	103	75								
880-26926-61 MSD	CF-325-00.3-NA-S	101	84								
880-26926-62	CF-326-00.3-NA-S	116	73								
880-26926-63	CW-001-02.0-NA-P	122	78								
880-26926-64	CW-002-02.0-NA-P	127	82								
880-26926-65	CW-003-02.0-NA-P	119	78								
880-26926-66	CW-004-02.0-NA-P	114	86								
880-26926-67	CW-005-02.0-NA-P	122	79								
880-26926-68	CW-006-02.0-NA-P	120	85								
880-26926-69	CW-007-02.0-NA-P	130	87								
880-26926-70	CW-008-02.0-NA-P	123	78								
880-26926-71	CW-009-02.0-NA-P	119	73								
880-26926-72	CW-010-02.0-NA-P	119	80								
880-26926-73	CW-011-02.0-NA-P	129	84								
880-26926-74	CW-012-02.0-NA-P	127	75								
880-26926-75	CW-013-02.0-NA-P	127	87								
880-26926-76	CW-014-02.0-NA-P	121	82								
880-26926-77	CW-015-02.0-NA-P	120	83								
880-26926-78	CW-016-02.0-NA-P	126	77								
880-26926-79	CW-017-02.0-NA-P	124	75								
880-26926-80	CW-018-02.0-NA-P	123	80								
880-26926-81	CW-019-02.0-NA-P	103	85								
880-26926-81 MS	CW-019-02.0-NA-P	124	84								
880-26926-81 MSD	CW-019-02.0-NA-P	125	108								
880-26926-82	CW-020-02.0-NA-P	108	80								
880-26926-83	CW-021-02.0-NA-P	108	83								
880-26926-84	CW-022-02.0-NA-P	87	93								
880-26926-85	CW-023-02.0-NA-P	90	93								
880-26926-86	CW-024-02.0-NA-P	109	83								
880-26926-87	CW-025-02.0-NA-P	86	95								
880-26926-88	CW-026-02.0-NA-P	91	90								
880-26926-89	CW-027-02.0-NA-P	114	84								

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-26926-90	CW-028-02.0-NA-P	97	91
880-26926-91	CW-029-02.0-NA-P	85	97
880-26926-92	CW-030-02.0-NA-P	91	95
880-26926-93	CW-032-02.0-NA-P	93	73
880-26926-95	CW-31-02.0-NA-P	96	93
880-26926-96	CF-344-04.0-NA-P	93	91
880-26926-97	CF-261-00.3-NA-P	95	93
LCS 880-50833/1-A	Lab Control Sample	123	94
LCS 880-50834/1-A	Lab Control Sample	115	99
LCS 880-50835/1-A	Lab Control Sample	114	95
LCS 880-50838/1-A	Lab Control Sample	107	102
LCS 880-50840/1-A	Lab Control Sample	118	105
LCS 880-51143/1-A	Lab Control Sample	101	105
LCSD 880-50833/2-A	Lab Control Sample Dup	127	90
LCSD 880-50834/2-A	Lab Control Sample Dup	109	100
LCSD 880-50835/2-A	Lab Control Sample Dup	122	95
LCSD 880-50838/2-A	Lab Control Sample Dup	111	94
LCSD 880-50840/2-A	Lab Control Sample Dup	112	104
LCSD 880-51143/2-A	Lab Control Sample Dup	89	99
MB 880-50833/5-A	Method Blank	87	77
MB 880-50834/5-A	Method Blank	94	91
MB 880-50835/5-A	Method Blank	65 S1-	81
MB 880-50838/5-A	Method Blank	68 S1-	80
MB 880-50840/5-A	Method Blank	76	96
MB 880-51023/5-A	Method Blank	73	95
MB 880-51143/5-A	Method Blank	86	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-26926-1	CF-262-00.3-NA-P	80	91
880-26926-1 MS	CF-262-00.3-NA-P	84	87
880-26926-1 MSD	CF-262-00.3-NA-P	82	83
880-26926-2	CF-263-00.3-NA-P	98	109
880-26926-3	CF-264-00.3-NA-P	93	102
880-26926-4	CF-267-00.3-NA-P	71	79
880-26926-5	CF-268-00.3-NA-P	90	98
880-26926-6	CF-269-00.3-NA-P	81	92
880-26926-7	CF-270-00.3-NA-P	84	96
880-26926-8	CF-271-00.3-NA-P	81	91
880-26926-9	CF-272-00.3-NA-P	71	78
880-26926-10	CF-273-00.3-NA-P	81	93
880-26926-11	CF-274-00.3-NA-P	88	101
880-26926-12	CF-275-00.3-NA-P	72	77

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
880-26926-13	CF-276-00.3-NA-P	92	104								
880-26926-14	CF-278-00.3-NA-P	99	112								
880-26926-15	CF-279-00.3-NA-P	93	106								
880-26926-16	CF-280-00.3-NA-P	93	107								
880-26926-17	CF-281-00.3-NA-P	94	107								
880-26926-18	CF-282-00.3-NA-P	95	110								
880-26926-19	CF-283-00.3-NA-P	107	116								
880-26926-20	CF-284-00.3-NA-P	100	120								
880-26926-21	CF-285-00.3-NA-P	98	110								
880-26926-21 MS	CF-285-00.3-NA-P	106	106								
880-26926-21 MSD	CF-285-00.3-NA-P	106	105								
880-26926-22	CF-286-00.3-NA-P	96	108								
880-26926-23	CF-287-00.3-NA-P	105	115								
880-26926-24	CF-288-00.3-NA-P	101	113								
880-26926-25	CF-289-00.3-NA-P	113	122								
880-26926-26	CF-290-00.3-NA-P	111	121								
880-26926-27	CF-291-00.3-NA-P	108	117								
880-26926-28	CF-292-00.3-NA-P	103	113								
880-26926-29	CF-293-00.3-NA-P	109	118								
880-26926-30	CF-294-00.3-NA-P	96	106								
880-26926-31	CF-295-00.3-NA-P	99	109								
880-26926-32	CF-296-00.3-NA-S	66 S1-	67 S1-								
880-26926-33	CF-297-00.3-NA-S	66 S1-	69 S1-								
880-26926-34	CF-298-00.3-NA-S	66 S1-	70								
880-26926-35	CF-299-00.3-NA-S	63 S1-	65 S1-								
880-26926-36	CF-300-00.3-NA-S	64 S1-	66 S1-								
880-26926-37	CF-301-00.3-NA-S	107	117								
880-26926-38	CF-302-00.3-NA-S	100	108								
880-26926-39	CF-303-00.3-NA-S	112	122								
880-26926-40	CF-304-00.3-NA-S	94	106								
880-26926-41	CF-305-00.3-NA-S	90	102								
880-26926-42	CF-306-00.3-NA-S	94	107								
880-26926-43	CF-307-00.3-NA-S	104	110								
880-26926-44	CF-308-00.3-NA-S	93	103								
880-26926-45	CF-309-00.3-NA-S	82	93								
880-26926-46	CF-310-00.3-NA-S	68 S1-	65 S1-								
880-26926-46 MS	CF-310-00.3-NA-S	74	66 S1-								
880-26926-46 MSD	CF-310-00.3-NA-S	72	63 S1-								
880-26926-47	CF-311-00.3-NA-S	68 S1-	67 S1-								
880-26926-48	CF-312-00.3-NA-S	64 S1-	63 S1-								
880-26926-49	CF-313-00.3-NA-S	70	70								
880-26926-50	CF-314-00.3-NA-S	65 S1-	63 S1-								
880-26926-51	CF-315-00.3-NA-S	76	74								
880-26926-52	CF-316-00.3-NA-S	77	75								
880-26926-53	CF-317-00.3-NA-S	65 S1-	62 S1-								
880-26926-54	CF-318-00.3-NA-S	63 S1-	64 S1-								
880-26926-55	CF-319-00.3-NA-S	65 S1-	67 S1-								
880-26926-56	CF-320-00.3-NA-S	64 S1-	66 S1-								
880-26926-57	CF-321-00.3-NA-S	62 S1-	64 S1-								
880-26926-58	CF-322-00.3-NA-S	66 S1-	67 S1-								

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-26926-59	CF-323-00.3-NA-S	72	74										
880-26926-60	CF-324-00.3-NA-S	67 S1-	72										
880-26926-61	CF-325-00.3-NA-S	67 S1-	66 S1-										
880-26926-62	CF-326-00.3-NA-S	64 S1-	62 S1-										
880-26926-63	CW-001-02.0-NA-P	68 S1-	68 S1-										
880-26926-64	CW-002-02.0-NA-P	68 S1-	69 S1-										
880-26926-65	CW-003-02.0-NA-P	68 S1-	67 S1-										
880-26926-66	CW-004-02.0-NA-P	80	82										
880-26926-66 MS	CW-004-02.0-NA-P	87	74										
880-26926-66 MSD	CW-004-02.0-NA-P	84	74										
880-26926-67	CW-005-02.0-NA-P	78	79										
880-26926-68	CW-006-02.0-NA-P	88	90										
880-26926-69	CW-007-02.0-NA-P	76	78										
880-26926-70	CW-008-02.0-NA-P	85	87										
880-26926-71	CW-009-02.0-NA-P	79	80										
880-26926-72	CW-010-02.0-NA-P	87	91										
880-26926-73	CW-011-02.0-NA-P	84	87										
880-26926-74	CW-012-02.0-NA-P	78	80										
880-26926-75	CW-013-02.0-NA-P	76	77										
880-26926-76	CW-014-02.0-NA-P	76	74										
880-26926-77	CW-015-02.0-NA-P	79	77										
880-26926-78	CW-016-02.0-NA-P	79	76										
880-26926-79	CW-017-02.0-NA-P	83	80										
880-26926-80	CW-018-02.0-NA-P	80	80										
880-26926-81	CW-019-02.0-NA-P	78	77										
880-26926-82	CW-020-02.0-NA-P	65 S1-	62 S1-										
880-26926-83	CW-021-02.0-NA-P	50 S1-	48 S1-										
880-26926-84	CW-022-02.0-NA-P	35 S1-	34 S1-										
880-26926-85	CW-023-02.0-NA-P	24 S1-	22 S1-										
880-26926-86	CW-024-02.0-NA-P	1 S1-	0.4 S1-										
880-26926-86 MS	CW-024-02.0-NA-P	100	77										
880-26926-86 MSD	CW-024-02.0-NA-P	93	71										
880-26926-87	CW-025-02.0-NA-P	78	62 S1-										
880-26926-88	CW-026-02.0-NA-P	83	66 S1-										
880-26926-89	CW-027-02.0-NA-P	81	66 S1-										
880-26926-90	CW-028-02.0-NA-P	103	85										
880-26926-91	CW-029-02.0-NA-P	86	71										
880-26926-92	CW-030-02.0-NA-P	105	82										
880-26926-93	CW-032-02.0-NA-P	105	84										
880-26926-95	CW-31-02.0-NA-P	101	84										
880-26926-96	CF-344-04.0-NA-P	100	84										
880-26926-97	CF-261-00.3-NA-P	93	77										
LCS 880-50624/2-A	Lab Control Sample	95	95										
LCS 880-50822/2-A	Lab Control Sample	115	135 S1+										
LCS 880-50824/2-A	Lab Control Sample	111	131 S1+										
LCS 880-50828/2-A	Lab Control Sample	9 S1-	7 S1-										
LCS 880-50829/2-A	Lab Control Sample	34 S1-	30 S1-										
LCS 880-50830/2-A	Lab Control Sample	112	97										
LCSD 880-50624/3-A	Lab Control Sample Dup	95	96										
LCSD 880-50822/3-A	Lab Control Sample Dup	119	137 S1+										

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
LCSD 880-50824/3-A	Lab Control Sample Dup	104	121										
LCSD 880-50828/3-A	Lab Control Sample Dup	9 S1-	7 S1-										
LCSD 880-50829/3-A	Lab Control Sample Dup	24 S1-	18 S1-										
LCSD 880-50830/3-A	Lab Control Sample Dup	93	81										
MB 880-50624/1-A	Method Blank	83	94										
MB 880-50822/1-A	Method Blank	120	148 S1+										
MB 880-50824/1-A	Method Blank	117	150 S1+										
MB 880-50828/1-A	Method Blank	82	89										
MB 880-50829/1-A	Method Blank	101	116										
MB 880-50830/1-A	Method Blank	135 S1+	123										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-50833/5-A
Matrix: Solid
Analysis Batch: 51000

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50833

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 19:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 19:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 19:52	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/23 14:41	04/12/23 19:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:41	04/12/23 19:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/23 14:41	04/12/23 19:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*04/10/23 14:41*	*04/12/23 19:52*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/10/23 14:41*	*04/12/23 19:52*	*1*

Lab Sample ID: LCS 880-50833/1-A
Matrix: Solid
Analysis Batch: 51000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50833

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1237		mg/Kg		124	70 - 130		
Toluene			0.100	0.1148		mg/Kg		115	70 - 130		
Ethylbenzene			0.100	0.1089		mg/Kg		109	70 - 130		
m,p-Xylenes			0.200	0.2116		mg/Kg		106	70 - 130		
o-Xylene			0.100	0.1085		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-50833/2-A
Matrix: Solid
Analysis Batch: 51000

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50833

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1289		mg/Kg		129	70 - 130	4	35
Toluene			0.100	0.1199		mg/Kg		120	70 - 130	4	35
Ethylbenzene			0.100	0.1024		mg/Kg		102	70 - 130	6	35
m,p-Xylenes			0.200	0.2231		mg/Kg		112	70 - 130	5	35
o-Xylene			0.100	0.1139		mg/Kg		114	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: 880-26926-1 MS
Matrix: Solid
Analysis Batch: 51000

Client Sample ID: CF-262-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.101	0.1067		mg/Kg		106	70 - 130		
Toluene	<0.00201	U	0.101	0.09784		mg/Kg		97	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26926-1 MS
Matrix: Solid
Analysis Batch: 51000

Client Sample ID: CF-262-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.101	0.08285		mg/Kg		82	70 - 130
m,p-Xylenes	<0.00402	U *- *1	0.202	0.1712		mg/Kg		85	70 - 130
o-Xylene	<0.00201	U	0.101	0.09099		mg/Kg		90	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-26926-1 MSD
Matrix: Solid
Analysis Batch: 51000

Client Sample ID: CF-262-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50833

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.09925		mg/Kg		100	70 - 130	7	35
Toluene	<0.00201	U	0.0996	0.1026		mg/Kg		103	70 - 130	5	35
Ethylbenzene	<0.00201	U	0.0996	0.09469		mg/Kg		95	70 - 130	13	35
m,p-Xylenes	<0.00402	U *- *1	0.199	0.1834		mg/Kg		92	70 - 130	7	35
o-Xylene	<0.00201	U	0.0996	0.09408		mg/Kg		94	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*

Lab Sample ID: MB 880-50834/5-A
Matrix: Solid
Analysis Batch: 51016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50834

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 11:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 11:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 11:05	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/23 14:43	04/13/23 11:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:43	04/13/23 11:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/23 14:43	04/13/23 11:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/10/23 14:43*	*04/13/23 11:05*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/23 14:43*	*04/13/23 11:05*	*1*

Lab Sample ID: LCS 880-50834/1-A
Matrix: Solid
Analysis Batch: 51016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50834

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1027		mg/Kg		103	70 - 130
Toluene	0.100	0.1146		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1260		mg/Kg		126	70 - 130
m,p-Xylenes	0.200	0.2641	*+	mg/Kg		132	70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-50834/1-A
Matrix: Solid
Analysis Batch: 51016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50834

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1151		mg/Kg		115	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-50834/2-A
Matrix: Solid
Analysis Batch: 51016

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50834

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1035		mg/Kg		103	70 - 130	1	35
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1191		mg/Kg		119	70 - 130	6	35
m,p-Xylenes			0.200	0.2472		mg/Kg		124	70 - 130	7	35
o-Xylene			0.100	0.1082		mg/Kg		108	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-26926-21 MS
Matrix: Solid
Analysis Batch: 51016

Client Sample ID: CF-285-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50834

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.0998	0.08824		mg/Kg		88	70 - 130		
Toluene	<0.00199	U	0.0998	0.09948		mg/Kg		100	70 - 130		
Ethylbenzene	<0.00199	U	0.0998	0.1093		mg/Kg		110	70 - 130		
m,p-Xylenes	<0.00398	U *+	0.200	0.2259		mg/Kg		113	70 - 130		
o-Xylene	<0.00199	U	0.0998	0.09805		mg/Kg		98	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-26926-21 MSD
Matrix: Solid
Analysis Batch: 51016

Client Sample ID: CF-285-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50834

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.09791		mg/Kg		99	70 - 130	10	35
Toluene	<0.00199	U	0.0990	0.1057		mg/Kg		107	70 - 130	6	35
Ethylbenzene	<0.00199	U	0.0990	0.1084		mg/Kg		109	70 - 130	1	35
m,p-Xylenes	<0.00398	U *+	0.198	0.2195		mg/Kg		111	70 - 130	3	35
o-Xylene	<0.00199	U	0.0990	0.09639		mg/Kg		97	70 - 130	2	35

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26926-21 MSD
Matrix: Solid
Analysis Batch: 51016

Client Sample ID: CF-285-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50834

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-50835/5-A
Matrix: Solid
Analysis Batch: 51107

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50835

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:44	04/13/23 18:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:44	04/13/23 18:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:44	04/13/23 18:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/23 14:44	04/13/23 18:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:44	04/13/23 18:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/23 14:44	04/13/23 18:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130	04/10/23 14:44	04/13/23 18:51	1
1,4-Difluorobenzene (Surr)	81		70 - 130	04/10/23 14:44	04/13/23 18:51	1

Lab Sample ID: LCS 880-50835/1-A
Matrix: Solid
Analysis Batch: 51107

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50835

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1192		mg/Kg		119	70 - 130		
Toluene			0.100	0.1161		mg/Kg		116	70 - 130		
Ethylbenzene			0.100	0.1181		mg/Kg		118	70 - 130		
m,p-Xylenes			0.200	0.2344		mg/Kg		117	70 - 130		
o-Xylene			0.100	0.1153		mg/Kg		115	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-50835/2-A
Matrix: Solid
Analysis Batch: 51107

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50835

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1326	*+	mg/Kg		133	70 - 130	11	35
Toluene			0.100	0.1316	*+	mg/Kg		132	70 - 130	13	35
Ethylbenzene			0.100	0.1345	*+	mg/Kg		134	70 - 130	13	35
m,p-Xylenes			0.200	0.2685	*+	mg/Kg		134	70 - 130	14	35
o-Xylene			0.100	0.1328	*+	mg/Kg		133	70 - 130	14	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-50835/2-A
Matrix: Solid
Analysis Batch: 51107

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50835

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-26926-41 MS
Matrix: Solid
Analysis Batch: 51107

Client Sample ID: CF-305-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 50835

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U *+	0.0998	0.09645		mg/Kg		97	70 - 130
Toluene	<0.00199	U *+ F2 F1	0.0998	0.09486		mg/Kg		95	70 - 130
Ethylbenzene	<0.00199	U *+	0.0998	0.09367		mg/Kg		94	70 - 130
m,p-Xylenes	<0.00398	U *+	0.200	0.1863		mg/Kg		93	70 - 130
o-Xylene	<0.00199	U *+	0.0998	0.09134		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-26926-41 MSD
Matrix: Solid
Analysis Batch: 51107

Client Sample ID: CF-305-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 50835

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U *+	0.100	0.09473		mg/Kg		95	70 - 130	2	35
Toluene	<0.00199	U *+ F2 F1	0.100	0.08993		mg/Kg		90	70 - 130	5	35
Ethylbenzene	<0.00199	U *+	0.100	0.08867		mg/Kg		88	70 - 130	5	35
m,p-Xylenes	<0.00398	U *+	0.200	0.1754		mg/Kg		88	70 - 130	6	35
o-Xylene	<0.00199	U *+	0.100	0.08614		mg/Kg		86	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: MB 880-50838/5-A
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50838

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 11:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/23 14:45	04/14/23 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/23 14:45	04/14/23 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130	04/10/23 14:45	04/14/23 11:47	1

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QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-50838/5-A
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50838

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	80		70 - 130	04/10/23 14:45	04/14/23 11:47	1

Lab Sample ID: LCS 880-50838/1-A
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1010		mg/Kg		101	70 - 130
Toluene	0.100	0.09768		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1003		mg/Kg		100	70 - 130
m,p-Xylenes	0.200	0.1991		mg/Kg		100	70 - 130
o-Xylene	0.100	0.1032		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-50838/2-A
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50838

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1069		mg/Kg		107	70 - 130	6	35
Toluene	0.100	0.1043		mg/Kg		104	70 - 130	7	35
Ethylbenzene	0.100	0.1036		mg/Kg		104	70 - 130	3	35
m,p-Xylenes	0.200	0.2033		mg/Kg		102	70 - 130	2	35
o-Xylene	0.100	0.1050		mg/Kg		105	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-26926-61 MS
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: CF-325-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 50838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.101	0.02945	F1	mg/Kg		29	70 - 130
Toluene	<0.00201	U F1	0.101	0.02989	F1	mg/Kg		30	70 - 130
Ethylbenzene	<0.00201	U F1	0.101	0.03598	F1	mg/Kg		36	70 - 130
m,p-Xylenes	<0.00402	U F1	0.202	0.07027	F1	mg/Kg		35	70 - 130
o-Xylene	<0.00201	U F1	0.101	0.04006	F1	mg/Kg		40	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	75		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26926-61 MSD
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: CF-325-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 50838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0990	0.04196	F1	mg/Kg		42	70 - 130	35	35
Toluene	<0.00201	U F1	0.0990	0.03768	F1	mg/Kg		38	70 - 130	23	35
Ethylbenzene	<0.00201	U F1	0.0990	0.03997	F1	mg/Kg		40	70 - 130	11	35
m,p-Xylenes	<0.00402	U F1	0.198	0.07723	F1	mg/Kg		39	70 - 130	9	35
o-Xylene	<0.00201	U F1	0.0990	0.04516	F1	mg/Kg		46	70 - 130	12	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*

Lab Sample ID: MB 880-50840/5-A
Matrix: Solid
Analysis Batch: 51017

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50840

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/13/23 22:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/13/23 22:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/13/23 22:37	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/23 14:55	04/13/23 22:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:55	04/13/23 22:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/23 14:55	04/13/23 22:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*04/10/23 14:55*	*04/13/23 22:37*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/10/23 14:55*	*04/13/23 22:37*	*1*

Lab Sample ID: LCS 880-50840/1-A
Matrix: Solid
Analysis Batch: 51017

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50840

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1027		mg/Kg		103	70 - 130		
Toluene			0.100	0.1059		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1129		mg/Kg		113	70 - 130		
m,p-Xylenes			0.200	0.2366		mg/Kg		118	70 - 130		
o-Xylene			0.100	0.1259		mg/Kg		126	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-50840/2-A
Matrix: Solid
Analysis Batch: 51017

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50840

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1015		mg/Kg		102	70 - 130	1	35
Toluene			0.100	0.09728		mg/Kg		97	70 - 130	8	35

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-50840/2-A
Matrix: Solid
Analysis Batch: 51017

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50840

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene			0.100	0.09903		mg/Kg		99	70 - 130	13	35
m,p-Xylenes			0.200	0.2107		mg/Kg		105	70 - 130	12	35
o-Xylene			0.100	0.1103		mg/Kg		110	70 - 130	13	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-26926-81 MS
Matrix: Solid
Analysis Batch: 51017

Client Sample ID: CW-019-02.0-NA-P
Prep Type: Total/NA
Prep Batch: 50840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F2 F1	0.0998	0.03511	F1	mg/Kg		35	70 - 130
Toluene	<0.00199	U F2 F1	0.0998	0.04766	F1	mg/Kg		48	70 - 130
Ethylbenzene	<0.00199	U F1	0.0998	0.06355	F1	mg/Kg		64	70 - 130
m,p-Xylenes	<0.00398	U F2 F1	0.200	0.1167	F1	mg/Kg		58	70 - 130
o-Xylene	<0.00199	U F2 F1	0.0998	0.06615	F1	mg/Kg		66	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*

Lab Sample ID: 880-26926-81 MSD
Matrix: Solid
Analysis Batch: 51017

Client Sample ID: CW-019-02.0-NA-P
Prep Type: Total/NA
Prep Batch: 50840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F2 F1	0.0996	0.09124	F2	mg/Kg		92	70 - 130	89	35
Toluene	<0.00199	U F2 F1	0.0996	0.08502	F2	mg/Kg		85	70 - 130	56	35
Ethylbenzene	<0.00199	U F1	0.0996	0.09068		mg/Kg		91	70 - 130	35	35
m,p-Xylenes	<0.00398	U F2 F1	0.199	0.1881	F2	mg/Kg		94	70 - 130	47	35
o-Xylene	<0.00199	U F2 F1	0.0996	0.09720	F2	mg/Kg		98	70 - 130	38	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 880-51023/5-A
Matrix: Solid
Analysis Batch: 51017

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51023

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 09:28	04/13/23 12:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 09:28	04/13/23 12:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 09:28	04/13/23 12:00	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/13/23 09:28	04/13/23 12:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 09:28	04/13/23 12:00	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-51023/5-A
Matrix: Solid
Analysis Batch: 51017

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51023

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/23 09:28	04/13/23 12:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*70 - 130*	*04/13/23 09:28*	*04/13/23 12:00*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/13/23 09:28*	*04/13/23 12:00*	*1*

Lab Sample ID: MB 880-51143/5-A
Matrix: Solid
Analysis Batch: 51140

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51143

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/14/23 08:55	04/14/23 11:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/14/23 08:55	04/14/23 11:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/14/23 08:55	04/14/23 11:00	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/14/23 08:55	04/14/23 11:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/14/23 08:55	04/14/23 11:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/14/23 08:55	04/14/23 11:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*04/14/23 08:55*	*04/14/23 11:00*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/14/23 08:55*	*04/14/23 11:00*	*1*

Lab Sample ID: LCS 880-51143/1-A
Matrix: Solid
Analysis Batch: 51140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51143

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1069		mg/Kg		107	70 - 130		
Toluene			0.100	0.1066		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.1065		mg/Kg		107	70 - 130		
m,p-Xylenes			0.200	0.2167		mg/Kg		108	70 - 130		
o-Xylene			0.100	0.09513		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-51143/2-A
Matrix: Solid
Analysis Batch: 51140

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51143

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1053		mg/Kg		105	70 - 130	2	35
Toluene			0.100	0.1017		mg/Kg		102	70 - 130	5	35
Ethylbenzene			0.100	0.09919		mg/Kg		99	70 - 130	7	35
m,p-Xylenes			0.200	0.1989		mg/Kg		99	70 - 130	9	35
o-Xylene			0.100	0.08700		mg/Kg		87	70 - 130	9	35

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-51143/2-A
Matrix: Solid
Analysis Batch: 51140

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51143

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-50624/1-A
Matrix: Solid
Analysis Batch: 50779

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50624

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/23 14:36	04/10/23 08:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/23 14:36	04/10/23 08:59	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/23 14:36	04/10/23 08:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130	04/07/23 14:36	04/10/23 08:59	1
o-Terphenyl (Surr)	94		70 - 130	04/07/23 14:36	04/10/23 08:59	1

Lab Sample ID: LCS 880-50624/2-A
Matrix: Solid
Analysis Batch: 50779

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50624

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	986.6		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	847.9		mg/Kg		85	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-50624/3-A
Matrix: Solid
Analysis Batch: 50779

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50624

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1003		mg/Kg		100	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	853.3		mg/Kg		85	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	96		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-50822/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50862 — **Prep Batch: 50822**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 09:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 09:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:34	04/11/23 09:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/10/23 11:34*	*04/11/23 09:32*	*1*
o-Terphenyl (Surr)	*148*	*S1+*	*70 - 130*	*04/10/23 11:34*	*04/11/23 09:32*	*1*

Lab Sample ID: LCS 880-50822/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50862 — **Prep Batch: 50822**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1111		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	983.6		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*115*		*70 - 130*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-50822/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50862 — **Prep Batch: 50822**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	842.8	*1	mg/Kg		84	70 - 130	27	20
Diesel Range Organics (Over C10-C28)			1000	1061		mg/Kg		106	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*119*		*70 - 130*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*

Lab Sample ID: 880-26926-1 MS — **Client Sample ID: CF-262-00.3-NA-P**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 50862 — **Prep Batch: 50822**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	1000	1178		mg/Kg		115	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	895.8		mg/Kg		88	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-26926-1 MS
Matrix: Solid
Analysis Batch: 50862

Client Sample ID: CF-262-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50822

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	87		70 - 130

Lab Sample ID: 880-26926-1 MSD
Matrix: Solid
Analysis Batch: 50862

Client Sample ID: CF-262-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50822

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	996	1181		mg/Kg		116	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	865.1		mg/Kg		85	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	82		70 - 130
o-Terphenyl (Surr)	83		70 - 130

Lab Sample ID: MB 880-50824/1-A
Matrix: Solid
Analysis Batch: 50862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50824

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 11:39	04/11/23 21:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 11:39	04/11/23 21:05	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 11:39	04/11/23 21:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130	04/10/23 11:39	04/11/23 21:05	1
o-Terphenyl (Surr)	150	S1+	70 - 130	04/10/23 11:39	04/11/23 21:05	1

Lab Sample ID: LCS 880-50824/2-A
Matrix: Solid
Analysis Batch: 50862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50824

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1088		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	967.0		mg/Kg		97	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	131	S1+	70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-50824/3-A
Matrix: Solid
Analysis Batch: 50862

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50824

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1078		mg/Kg		108	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	935.8		mg/Kg		94	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*104*		*70 - 130*
o-Terphenyl (Surr)	*121*		*70 - 130*

Lab Sample ID: 880-26926-21 MS
Matrix: Solid
Analysis Batch: 50862

Client Sample ID: CF-285-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50824

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	934.6		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1153		mg/Kg		116	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*106*		*70 - 130*
o-Terphenyl (Surr)	*106*		*70 - 130*

Lab Sample ID: 880-26926-21 MSD
Matrix: Solid
Analysis Batch: 50862

Client Sample ID: CF-285-00.3-NA-P
Prep Type: Total/NA
Prep Batch: 50824

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	929.9		mg/Kg		91	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1155		mg/Kg		116	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*106*		*70 - 130*
o-Terphenyl (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 880-50828/1-A
Matrix: Solid
Analysis Batch: 50866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50828

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 09:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 09:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:54	04/11/23 09:38	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-50828/1-A
Matrix: Solid
Analysis Batch: 50866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50828

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130	04/10/23 12:54	04/11/23 09:38	1
o-Terphenyl (Surr)	89		70 - 130	04/10/23 12:54	04/11/23 09:38	1

Lab Sample ID: LCS 880-50828/2-A
Matrix: Solid
Analysis Batch: 50866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50828

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1082		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	951.2		mg/Kg		95	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	9	S1-	70 - 130
o-Terphenyl (Surr)	7	S1-	70 - 130

Lab Sample ID: LCSD 880-50828/3-A
Matrix: Solid
Analysis Batch: 50866

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50828

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1101		mg/Kg		110	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	963.3		mg/Kg		96	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	9	S1-	70 - 130
o-Terphenyl (Surr)	7	S1-	70 - 130

Lab Sample ID: 880-26926-46 MS
Matrix: Solid
Analysis Batch: 50866

Client Sample ID: CF-310-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 50828

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	1128		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	979.0		mg/Kg		96	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	74		70 - 130
o-Terphenyl (Surr)	66	S1-	70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-26926-46 MSD
Matrix: Solid
Analysis Batch: 50866

Client Sample ID: CF-310-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 50828

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1094		mg/Kg		110	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	935.9		mg/Kg		91	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*72*		*70 - 130*
o-Terphenyl (Surr)	*63*	*S1-*	*70 - 130*

Lab Sample ID: MB 880-50829/1-A
Matrix: Solid
Analysis Batch: 50946

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50829

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 08:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 08:52	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/23 12:57	04/12/23 08:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/10/23 12:57*	*04/12/23 08:52*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/10/23 12:57*	*04/12/23 08:52*	*1*

Lab Sample ID: LCS 880-50829/2-A
Matrix: Solid
Analysis Batch: 50946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50829

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1047		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1111		mg/Kg		111	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*34*	*S1-*	*70 - 130*
o-Terphenyl (Surr)	*30*	*S1-*	*70 - 130*

Lab Sample ID: LCSD 880-50829/3-A
Matrix: Solid
Analysis Batch: 50946

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50829

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1057		mg/Kg		106	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1185		mg/Kg		119	70 - 130	7	20

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-50829/3-A
Matrix: Solid
Analysis Batch: 50946

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50829

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	24	S1-	70 - 130
o-Terphenyl (Surr)	18	S1-	70 - 130

Lab Sample ID: 880-26926-66 MS
Matrix: Solid
Analysis Batch: 50946

Client Sample ID: CW-004-02.0-NA-P
Prep Type: Total/NA
Prep Batch: 50829

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1025		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1245		mg/Kg		122	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	87		70 - 130
o-Terphenyl (Surr)	74		70 - 130

Lab Sample ID: 880-26926-66 MSD
Matrix: Solid
Analysis Batch: 50946

Client Sample ID: CW-004-02.0-NA-P
Prep Type: Total/NA
Prep Batch: 50829

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	1003		mg/Kg		98	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1200		mg/Kg		118	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	74		70 - 130

Lab Sample ID: MB 880-50830/1-A
Matrix: Solid
Analysis Batch: 50959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50830

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/11/23 12:59	04/12/23 09:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/11/23 12:59	04/12/23 09:02	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/11/23 12:59	04/12/23 09:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	135	S1+	70 - 130	04/11/23 12:59	04/12/23 09:02	1
o-Terphenyl (Surr)	123		70 - 130	04/11/23 12:59	04/12/23 09:02	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-50830/2-A
Matrix: Solid
Analysis Batch: 50959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50830

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	965.8		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1056		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*112*		*70 - 130*
o-Terphenyl (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-50830/3-A
Matrix: Solid
Analysis Batch: 50959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 50830

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1107		mg/Kg		111	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	866.1		mg/Kg		87	70 - 130	20	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*93*		*70 - 130*
o-Terphenyl (Surr)	*81*		*70 - 130*

Lab Sample ID: 880-26926-86 MS
Matrix: Solid
Analysis Batch: 50959

Client Sample ID: CW-024-02.0-NA-P
Prep Type: Total/NA
Prep Batch: 50830

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	922.3		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	962.6		mg/Kg		97	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*100*		*70 - 130*
o-Terphenyl (Surr)	*77*		*70 - 130*

Lab Sample ID: 880-26926-86 MSD
Matrix: Solid
Analysis Batch: 50959

Client Sample ID: CW-024-02.0-NA-P
Prep Type: Total/NA
Prep Batch: 50830

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	878.3		mg/Kg		88	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	875.3		mg/Kg		88	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*93*		*70 - 130*

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QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-26926-86 MSD
Matrix: Solid
Analysis Batch: 50959

Client Sample ID: CW-024-02.0-NA-P
Prep Type: Total/NA
Prep Batch: 50830

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	71		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-50787/1-A
Matrix: Solid
Analysis Batch: 51052

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/13/23 10:24	1

Lab Sample ID: LCS 880-50787/2-A
Matrix: Solid
Analysis Batch: 51052

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	232.1		mg/Kg		93	90 - 110		

Lab Sample ID: LCSD 880-50787/3-A
Matrix: Solid
Analysis Batch: 51052

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	234.3		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 880-26926-92 MS
Matrix: Solid
Analysis Batch: 51052

Client Sample ID: CW-030-02.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	193		249	432.6		mg/Kg		96	90 - 110		

Lab Sample ID: 880-26926-92 MSD
Matrix: Solid
Analysis Batch: 51052

Client Sample ID: CW-030-02.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	193		249	434.2		mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-50781/1-A
Matrix: Solid
Analysis Batch: 51089

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/13/23 13:35	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-50781/2-A
Matrix: Solid
Analysis Batch: 51089

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	234.6		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-50781/3-A
Matrix: Solid
Analysis Batch: 51089

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	235.8		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 880-26926-2 MS
Matrix: Solid
Analysis Batch: 51089

Client Sample ID: CF-263-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	721	F1	252	932.6	F1	mg/Kg		84	90 - 110		

Lab Sample ID: 880-26926-2 MSD
Matrix: Solid
Analysis Batch: 51089

Client Sample ID: CF-263-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	721	F1	252	933.3	F1	mg/Kg		84	90 - 110	0	20

Lab Sample ID: MB 880-50782/1-A
Matrix: Solid
Analysis Batch: 51096

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/13/23 16:24	1

Lab Sample ID: LCS 880-50782/2-A
Matrix: Solid
Analysis Batch: 51096

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	240.3		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-50782/3-A
Matrix: Solid
Analysis Batch: 51096

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	241.1		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-26926-12 MS
Matrix: Solid
Analysis Batch: 51096

Client Sample ID: CF-275-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	139		251	370.4		mg/Kg		92	90 - 110		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26926-12 MSD
Matrix: Solid
Analysis Batch: 51096

Client Sample ID: CF-275-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	139		251	371.2		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-26926-22 MS
Matrix: Solid
Analysis Batch: 51096

Client Sample ID: CF-286-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	194		252	434.7		mg/Kg		96	90 - 110

Lab Sample ID: 880-26926-22 MSD
Matrix: Solid
Analysis Batch: 51096

Client Sample ID: CF-286-00.3-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	194		252	436.0		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-50783/1-A
Matrix: Solid
Analysis Batch: 51098

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/13/23 19:16	1

Lab Sample ID: LCS 880-50783/2-A
Matrix: Solid
Analysis Batch: 51098

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-50783/3-A
Matrix: Solid
Analysis Batch: 51098

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	241.7		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-26926-32 MS
Matrix: Solid
Analysis Batch: 51098

Client Sample ID: CF-296-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	191		250	439.0		mg/Kg		99	90 - 110

Lab Sample ID: 880-26926-32 MSD
Matrix: Solid
Analysis Batch: 51098

Client Sample ID: CF-296-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	191		250	440.3		mg/Kg		100	90 - 110	0	20

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26926-42 MS
Matrix: Solid
Analysis Batch: 51098

Client Sample ID: CF-306-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	271	F1	251	455.3	F1	mg/Kg		74	90 - 110

Lab Sample ID: 880-26926-42 MSD
Matrix: Solid
Analysis Batch: 51098

Client Sample ID: CF-306-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	271	F1	251	456.1	F1	mg/Kg		74	90 - 110	0	20

Lab Sample ID: MB 880-50784/1-A
Matrix: Solid
Analysis Batch: 51099

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/13/23 21:58	1

Lab Sample ID: LCS 880-50784/2-A
Matrix: Solid
Analysis Batch: 51099

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.8		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-50784/3-A
Matrix: Solid
Analysis Batch: 51099

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	243.6		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-26926-52 MS
Matrix: Solid
Analysis Batch: 51099

Client Sample ID: CF-316-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	96.8		249	357.0		mg/Kg		105	90 - 110

Lab Sample ID: 880-26926-52 MSD
Matrix: Solid
Analysis Batch: 51099

Client Sample ID: CF-316-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	96.8		249	358.7		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-26926-62 MS
Matrix: Solid
Analysis Batch: 51099

Client Sample ID: CF-326-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	141		252	389.9		mg/Kg		99	90 - 110

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26926-62 MSD
Matrix: Solid
Analysis Batch: 51099

Client Sample ID: CF-326-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	141		252	389.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-50785/1-A
Matrix: Solid
Analysis Batch: 51100

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/13/23 16:07	1

Lab Sample ID: LCS 880-50785/2-A
Matrix: Solid
Analysis Batch: 51100

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	238.8		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-50785/3-A
Matrix: Solid
Analysis Batch: 51100

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	235.2		mg/Kg		94	90 - 110	2	20

Lab Sample ID: 880-26926-72 MS
Matrix: Solid
Analysis Batch: 51100

Client Sample ID: CW-010-02.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	153		252	411.9		mg/Kg		103	90 - 110		

Lab Sample ID: 880-26926-72 MSD
Matrix: Solid
Analysis Batch: 51100

Client Sample ID: CW-010-02.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	153		252	410.4		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-26926-82 MS
Matrix: Solid
Analysis Batch: 51100

Client Sample ID: CW-020-02.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	159	F1	251	370.2	F1	mg/Kg		84	90 - 110		

Lab Sample ID: 880-26926-82 MSD
Matrix: Solid
Analysis Batch: 51100

Client Sample ID: CW-020-02.0-NA-P
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	159	F1	251	370.0	F1	mg/Kg		84	90 - 110	0	20

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

GC VOA

Prep Batch: 50833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-1	CF-262-00.3-NA-P	Total/NA	Solid	5035	
880-26926-2	CF-263-00.3-NA-P	Total/NA	Solid	5035	
880-26926-3	CF-264-00.3-NA-P	Total/NA	Solid	5035	
880-26926-4	CF-267-00.3-NA-P	Total/NA	Solid	5035	
880-26926-5	CF-268-00.3-NA-P	Total/NA	Solid	5035	
880-26926-6	CF-269-00.3-NA-P	Total/NA	Solid	5035	
880-26926-7	CF-270-00.3-NA-P	Total/NA	Solid	5035	
880-26926-8	CF-271-00.3-NA-P	Total/NA	Solid	5035	
880-26926-9	CF-272-00.3-NA-P	Total/NA	Solid	5035	
880-26926-10	CF-273-00.3-NA-P	Total/NA	Solid	5035	
880-26926-11	CF-274-00.3-NA-P	Total/NA	Solid	5035	
880-26926-12	CF-275-00.3-NA-P	Total/NA	Solid	5035	
880-26926-13	CF-276-00.3-NA-P	Total/NA	Solid	5035	
880-26926-14	CF-278-00.3-NA-P	Total/NA	Solid	5035	
880-26926-15	CF-279-00.3-NA-P	Total/NA	Solid	5035	
880-26926-16	CF-280-00.3-NA-P	Total/NA	Solid	5035	
880-26926-17	CF-281-00.3-NA-P	Total/NA	Solid	5035	
880-26926-18	CF-282-00.3-NA-P	Total/NA	Solid	5035	
880-26926-19	CF-283-00.3-NA-P	Total/NA	Solid	5035	
880-26926-20	CF-284-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50833/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50833/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50833/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26926-1 MS	CF-262-00.3-NA-P	Total/NA	Solid	5035	
880-26926-1 MSD	CF-262-00.3-NA-P	Total/NA	Solid	5035	

Prep Batch: 50834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-21	CF-285-00.3-NA-P	Total/NA	Solid	5035	
880-26926-22	CF-286-00.3-NA-P	Total/NA	Solid	5035	
880-26926-23	CF-287-00.3-NA-P	Total/NA	Solid	5035	
880-26926-24	CF-288-00.3-NA-P	Total/NA	Solid	5035	
880-26926-25	CF-289-00.3-NA-P	Total/NA	Solid	5035	
880-26926-26	CF-290-00.3-NA-P	Total/NA	Solid	5035	
880-26926-27	CF-291-00.3-NA-P	Total/NA	Solid	5035	
880-26926-28	CF-292-00.3-NA-P	Total/NA	Solid	5035	
880-26926-29	CF-293-00.3-NA-P	Total/NA	Solid	5035	
880-26926-30	CF-294-00.3-NA-P	Total/NA	Solid	5035	
880-26926-31	CF-295-00.3-NA-P	Total/NA	Solid	5035	
880-26926-32	CF-296-00.3-NA-S	Total/NA	Solid	5035	
880-26926-33	CF-297-00.3-NA-S	Total/NA	Solid	5035	
880-26926-34	CF-298-00.3-NA-S	Total/NA	Solid	5035	
880-26926-35	CF-299-00.3-NA-S	Total/NA	Solid	5035	
880-26926-36	CF-300-00.3-NA-S	Total/NA	Solid	5035	
880-26926-37	CF-301-00.3-NA-S	Total/NA	Solid	5035	
880-26926-38	CF-302-00.3-NA-S	Total/NA	Solid	5035	
880-26926-39	CF-303-00.3-NA-S	Total/NA	Solid	5035	
880-26926-40	CF-304-00.3-NA-S	Total/NA	Solid	5035	
MB 880-50834/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50834/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50834/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

GC VOA (Continued)

Prep Batch: 50834 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-21 MS	CF-285-00.3-NA-P	Total/NA	Solid	5035	
880-26926-21 MSD	CF-285-00.3-NA-P	Total/NA	Solid	5035	

Prep Batch: 50835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-41	CF-305-00.3-NA-S	Total/NA	Solid	5035	
880-26926-42	CF-306-00.3-NA-S	Total/NA	Solid	5035	
880-26926-43	CF-307-00.3-NA-S	Total/NA	Solid	5035	
880-26926-44	CF-308-00.3-NA-S	Total/NA	Solid	5035	
880-26926-45	CF-309-00.3-NA-S	Total/NA	Solid	5035	
880-26926-46	CF-310-00.3-NA-S	Total/NA	Solid	5035	
880-26926-47	CF-311-00.3-NA-S	Total/NA	Solid	5035	
880-26926-48	CF-312-00.3-NA-S	Total/NA	Solid	5035	
880-26926-49	CF-313-00.3-NA-S	Total/NA	Solid	5035	
880-26926-50	CF-314-00.3-NA-S	Total/NA	Solid	5035	
880-26926-51	CF-315-00.3-NA-S	Total/NA	Solid	5035	
880-26926-52	CF-316-00.3-NA-S	Total/NA	Solid	5035	
880-26926-53	CF-317-00.3-NA-S	Total/NA	Solid	5035	
880-26926-54	CF-318-00.3-NA-S	Total/NA	Solid	5035	
880-26926-55	CF-319-00.3-NA-S	Total/NA	Solid	5035	
880-26926-56	CF-320-00.3-NA-S	Total/NA	Solid	5035	
880-26926-57	CF-321-00.3-NA-S	Total/NA	Solid	5035	
MB 880-50835/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50835/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50835/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26926-41 MS	CF-305-00.3-NA-S	Total/NA	Solid	5035	
880-26926-41 MSD	CF-305-00.3-NA-S	Total/NA	Solid	5035	

Prep Batch: 50838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-61	CF-325-00.3-NA-S	Total/NA	Solid	5035	
880-26926-62	CF-326-00.3-NA-S	Total/NA	Solid	5035	
880-26926-63	CW-001-02.0-NA-P	Total/NA	Solid	5035	
880-26926-64	CW-002-02.0-NA-P	Total/NA	Solid	5035	
880-26926-65	CW-003-02.0-NA-P	Total/NA	Solid	5035	
880-26926-66	CW-004-02.0-NA-P	Total/NA	Solid	5035	
880-26926-67	CW-005-02.0-NA-P	Total/NA	Solid	5035	
880-26926-68	CW-006-02.0-NA-P	Total/NA	Solid	5035	
880-26926-69	CW-007-02.0-NA-P	Total/NA	Solid	5035	
880-26926-70	CW-008-02.0-NA-P	Total/NA	Solid	5035	
880-26926-71	CW-009-02.0-NA-P	Total/NA	Solid	5035	
880-26926-72	CW-010-02.0-NA-P	Total/NA	Solid	5035	
880-26926-73	CW-011-02.0-NA-P	Total/NA	Solid	5035	
880-26926-74	CW-012-02.0-NA-P	Total/NA	Solid	5035	
880-26926-75	CW-013-02.0-NA-P	Total/NA	Solid	5035	
880-26926-76	CW-014-02.0-NA-P	Total/NA	Solid	5035	
880-26926-77	CW-015-02.0-NA-P	Total/NA	Solid	5035	
880-26926-78	CW-016-02.0-NA-P	Total/NA	Solid	5035	
880-26926-79	CW-017-02.0-NA-P	Total/NA	Solid	5035	
880-26926-80	CW-018-02.0-NA-P	Total/NA	Solid	5035	
MB 880-50838/5-A	Method Blank	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

GC VOA (Continued)

Prep Batch: 50838 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-50838/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50838/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26926-61 MS	CF-325-00.3-NA-S	Total/NA	Solid	5035	
880-26926-61 MSD	CF-325-00.3-NA-S	Total/NA	Solid	5035	

Prep Batch: 50840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-81	CW-019-02.0-NA-P	Total/NA	Solid	5035	
880-26926-82	CW-020-02.0-NA-P	Total/NA	Solid	5035	
880-26926-83	CW-021-02.0-NA-P	Total/NA	Solid	5035	
880-26926-84	CW-022-02.0-NA-P	Total/NA	Solid	5035	
880-26926-85	CW-023-02.0-NA-P	Total/NA	Solid	5035	
880-26926-86	CW-024-02.0-NA-P	Total/NA	Solid	5035	
880-26926-87	CW-025-02.0-NA-P	Total/NA	Solid	5035	
880-26926-88	CW-026-02.0-NA-P	Total/NA	Solid	5035	
880-26926-89	CW-027-02.0-NA-P	Total/NA	Solid	5035	
880-26926-90	CW-028-02.0-NA-P	Total/NA	Solid	5035	
880-26926-91	CW-029-02.0-NA-P	Total/NA	Solid	5035	
880-26926-92	CW-030-02.0-NA-P	Total/NA	Solid	5035	
880-26926-93	CW-032-02.0-NA-P	Total/NA	Solid	5035	
880-26926-95	CW-31-02.0-NA-P	Total/NA	Solid	5035	
880-26926-96	CF-344-04.0-NA-P	Total/NA	Solid	5035	
880-26926-97	CF-261-00.3-NA-P	Total/NA	Solid	5035	
MB 880-50840/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50840/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50840/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26926-81 MS	CW-019-02.0-NA-P	Total/NA	Solid	5035	
880-26926-81 MSD	CW-019-02.0-NA-P	Total/NA	Solid	5035	

Analysis Batch: 51000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-1	CF-262-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-2	CF-263-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-3	CF-264-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-4	CF-267-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-5	CF-268-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-6	CF-269-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-7	CF-270-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-8	CF-271-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-9	CF-272-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-10	CF-273-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-11	CF-274-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-12	CF-275-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-13	CF-276-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-14	CF-278-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-15	CF-279-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-16	CF-280-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-17	CF-281-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-18	CF-282-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-19	CF-283-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-20	CF-284-00.3-NA-P	Total/NA	Solid	8021B	50833

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

GC VOA (Continued)

Analysis Batch: 51000 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-50833/5-A	Method Blank	Total/NA	Solid	8021B	50833
LCS 880-50833/1-A	Lab Control Sample	Total/NA	Solid	8021B	50833
LCSD 880-50833/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50833
880-26926-1 MS	CF-262-00.3-NA-P	Total/NA	Solid	8021B	50833
880-26926-1 MSD	CF-262-00.3-NA-P	Total/NA	Solid	8021B	50833

Analysis Batch: 51016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-21	CF-285-00.3-NA-P	Total/NA	Solid	8021B	50834
880-26926-22	CF-286-00.3-NA-P	Total/NA	Solid	8021B	50834
880-26926-23	CF-287-00.3-NA-P	Total/NA	Solid	8021B	50834
880-26926-24	CF-288-00.3-NA-P	Total/NA	Solid	8021B	50834
880-26926-25	CF-289-00.3-NA-P	Total/NA	Solid	8021B	50834
880-26926-26	CF-290-00.3-NA-P	Total/NA	Solid	8021B	50834
880-26926-27	CF-291-00.3-NA-P	Total/NA	Solid	8021B	50834
880-26926-28	CF-292-00.3-NA-P	Total/NA	Solid	8021B	50834
880-26926-29	CF-293-00.3-NA-P	Total/NA	Solid	8021B	50834
880-26926-30	CF-294-00.3-NA-P	Total/NA	Solid	8021B	50834
880-26926-31	CF-295-00.3-NA-P	Total/NA	Solid	8021B	50834
880-26926-32	CF-296-00.3-NA-S	Total/NA	Solid	8021B	50834
880-26926-33	CF-297-00.3-NA-S	Total/NA	Solid	8021B	50834
880-26926-34	CF-298-00.3-NA-S	Total/NA	Solid	8021B	50834
880-26926-35	CF-299-00.3-NA-S	Total/NA	Solid	8021B	50834
880-26926-36	CF-300-00.3-NA-S	Total/NA	Solid	8021B	50834
880-26926-37	CF-301-00.3-NA-S	Total/NA	Solid	8021B	50834
880-26926-38	CF-302-00.3-NA-S	Total/NA	Solid	8021B	50834
880-26926-39	CF-303-00.3-NA-S	Total/NA	Solid	8021B	50834
880-26926-40	CF-304-00.3-NA-S	Total/NA	Solid	8021B	50834
MB 880-50834/5-A	Method Blank	Total/NA	Solid	8021B	50834
LCS 880-50834/1-A	Lab Control Sample	Total/NA	Solid	8021B	50834
LCSD 880-50834/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50834
880-26926-21 MS	CF-285-00.3-NA-P	Total/NA	Solid	8021B	50834
880-26926-21 MSD	CF-285-00.3-NA-P	Total/NA	Solid	8021B	50834

Analysis Batch: 51017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-81	CW-019-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-82	CW-020-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-83	CW-021-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-84	CW-022-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-85	CW-023-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-86	CW-024-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-87	CW-025-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-88	CW-026-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-89	CW-027-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-90	CW-028-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-91	CW-029-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-92	CW-030-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-93	CW-032-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-95	CW-31-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-96	CF-344-04.0-NA-P	Total/NA	Solid	8021B	50840

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

GC VOA (Continued)

Analysis Batch: 51017 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-97	CF-261-00.3-NA-P	Total/NA	Solid	8021B	50840
MB 880-50840/5-A	Method Blank	Total/NA	Solid	8021B	50840
MB 880-51023/5-A	Method Blank	Total/NA	Solid	8021B	51023
LCS 880-50840/1-A	Lab Control Sample	Total/NA	Solid	8021B	50840
LCSD 880-50840/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50840
880-26926-81 MS	CW-019-02.0-NA-P	Total/NA	Solid	8021B	50840
880-26926-81 MSD	CW-019-02.0-NA-P	Total/NA	Solid	8021B	50840

Prep Batch: 51023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-51023/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 51079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-1	CF-262-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-2	CF-263-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-3	CF-264-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-4	CF-267-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-5	CF-268-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-6	CF-269-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-7	CF-270-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-8	CF-271-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-9	CF-272-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-10	CF-273-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-11	CF-274-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-12	CF-275-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-13	CF-276-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-14	CF-278-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-15	CF-279-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-16	CF-280-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-17	CF-281-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-18	CF-282-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-19	CF-283-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-20	CF-284-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-21	CF-285-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-22	CF-286-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-23	CF-287-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-24	CF-288-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-25	CF-289-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-26	CF-290-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-27	CF-291-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-28	CF-292-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-29	CF-293-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-30	CF-294-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-31	CF-295-00.3-NA-P	Total/NA	Solid	Total BTEX	
880-26926-32	CF-296-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-33	CF-297-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-34	CF-298-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-35	CF-299-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-36	CF-300-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-37	CF-301-00.3-NA-S	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

GC VOA (Continued)

Analysis Batch: 51079 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-38	CF-302-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-39	CF-303-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-40	CF-304-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-41	CF-305-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-42	CF-306-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-43	CF-307-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-44	CF-308-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-45	CF-309-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-46	CF-310-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-47	CF-311-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-48	CF-312-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-49	CF-313-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-50	CF-314-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-51	CF-315-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-52	CF-316-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-53	CF-317-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-54	CF-318-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-55	CF-319-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-56	CF-320-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-57	CF-321-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-58	CF-322-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-59	CF-323-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-60	CF-324-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-61	CF-325-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-62	CF-326-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-26926-63	CW-001-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-64	CW-002-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-65	CW-003-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-66	CW-004-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-67	CW-005-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-68	CW-006-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-69	CW-007-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-70	CW-008-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-71	CW-009-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-72	CW-010-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-73	CW-011-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-74	CW-012-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-75	CW-013-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-76	CW-014-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-77	CW-015-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-78	CW-016-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-79	CW-017-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-80	CW-018-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-81	CW-019-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-82	CW-020-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-83	CW-021-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-84	CW-022-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-85	CW-023-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-86	CW-024-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-87	CW-025-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-88	CW-026-02.0-NA-P	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

GC VOA (Continued)

Analysis Batch: 51079 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-89	CW-027-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-90	CW-028-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-91	CW-029-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-92	CW-030-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-93	CW-032-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-95	CW-31-02.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-96	CF-344-04.0-NA-P	Total/NA	Solid	Total BTEX	
880-26926-97	CF-261-00.3-NA-P	Total/NA	Solid	Total BTEX	

Analysis Batch: 51107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-41	CF-305-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-42	CF-306-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-43	CF-307-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-44	CF-308-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-45	CF-309-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-46	CF-310-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-47	CF-311-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-48	CF-312-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-49	CF-313-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-50	CF-314-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-51	CF-315-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-52	CF-316-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-53	CF-317-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-54	CF-318-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-55	CF-319-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-56	CF-320-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-57	CF-321-00.3-NA-S	Total/NA	Solid	8021B	50835
MB 880-50835/5-A	Method Blank	Total/NA	Solid	8021B	50835
LCS 880-50835/1-A	Lab Control Sample	Total/NA	Solid	8021B	50835
LCSD 880-50835/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50835
880-26926-41 MS	CF-305-00.3-NA-S	Total/NA	Solid	8021B	50835
880-26926-41 MSD	CF-305-00.3-NA-S	Total/NA	Solid	8021B	50835

Analysis Batch: 51137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-61	CF-325-00.3-NA-S	Total/NA	Solid	8021B	50838
880-26926-62	CF-326-00.3-NA-S	Total/NA	Solid	8021B	50838
880-26926-63	CW-001-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-64	CW-002-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-65	CW-003-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-66	CW-004-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-67	CW-005-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-68	CW-006-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-69	CW-007-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-70	CW-008-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-71	CW-009-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-72	CW-010-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-73	CW-011-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-74	CW-012-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-75	CW-013-02.0-NA-P	Total/NA	Solid	8021B	50838

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

GC VOA (Continued)

Analysis Batch: 51137 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-76	CW-014-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-77	CW-015-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-78	CW-016-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-79	CW-017-02.0-NA-P	Total/NA	Solid	8021B	50838
880-26926-80	CW-018-02.0-NA-P	Total/NA	Solid	8021B	50838
MB 880-50838/5-A	Method Blank	Total/NA	Solid	8021B	50838
LCS 880-50838/1-A	Lab Control Sample	Total/NA	Solid	8021B	50838
LCSD 880-50838/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50838
880-26926-61 MS	CF-325-00.3-NA-S	Total/NA	Solid	8021B	50838
880-26926-61 MSD	CF-325-00.3-NA-S	Total/NA	Solid	8021B	50838

Analysis Batch: 51140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-58	CF-322-00.3-NA-S	Total/NA	Solid	8021B	51143
880-26926-59	CF-323-00.3-NA-S	Total/NA	Solid	8021B	51143
880-26926-60	CF-324-00.3-NA-S	Total/NA	Solid	8021B	51143
MB 880-51143/5-A	Method Blank	Total/NA	Solid	8021B	51143
LCS 880-51143/1-A	Lab Control Sample	Total/NA	Solid	8021B	51143
LCSD 880-51143/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51143

Prep Batch: 51143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-58	CF-322-00.3-NA-S	Total/NA	Solid	5035	
880-26926-59	CF-323-00.3-NA-S	Total/NA	Solid	5035	
880-26926-60	CF-324-00.3-NA-S	Total/NA	Solid	5035	
MB 880-51143/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51143/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51143/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 50624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-32	CF-296-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-33	CF-297-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-34	CF-298-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-35	CF-299-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-36	CF-300-00.3-NA-S	Total/NA	Solid	8015NM Prep	
MB 880-50624/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50624/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50624/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 50779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-32	CF-296-00.3-NA-S	Total/NA	Solid	8015B NM	50624
880-26926-33	CF-297-00.3-NA-S	Total/NA	Solid	8015B NM	50624
880-26926-34	CF-298-00.3-NA-S	Total/NA	Solid	8015B NM	50624
880-26926-35	CF-299-00.3-NA-S	Total/NA	Solid	8015B NM	50624
880-26926-36	CF-300-00.3-NA-S	Total/NA	Solid	8015B NM	50624
MB 880-50624/1-A	Method Blank	Total/NA	Solid	8015B NM	50624
LCS 880-50624/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50624

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA (Continued)

Analysis Batch: 50779 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-50624/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50624

Prep Batch: 50822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-1	CF-262-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-2	CF-263-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-3	CF-264-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-4	CF-267-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-5	CF-268-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-6	CF-269-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-7	CF-270-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-8	CF-271-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-9	CF-272-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-10	CF-273-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-11	CF-274-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-12	CF-275-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-13	CF-276-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-14	CF-278-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-15	CF-279-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-16	CF-280-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-17	CF-281-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-18	CF-282-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-19	CF-283-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-20	CF-284-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50822/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50822/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50822/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26926-1 MS	CF-262-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-1 MSD	CF-262-00.3-NA-P	Total/NA	Solid	8015NM Prep	

Prep Batch: 50824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-21	CF-285-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-22	CF-286-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-23	CF-287-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-24	CF-288-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-25	CF-289-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-26	CF-290-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-27	CF-291-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-28	CF-292-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-29	CF-293-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-30	CF-294-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-31	CF-295-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-37	CF-301-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-38	CF-302-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-39	CF-303-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-40	CF-304-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-41	CF-305-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-42	CF-306-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-43	CF-307-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-44	CF-308-00.3-NA-S	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA (Continued)

Prep Batch: 50824 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-45	CF-309-00.3-NA-S	Total/NA	Solid	8015NM Prep	
MB 880-50824/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50824/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50824/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26926-21 MS	CF-285-00.3-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-21 MSD	CF-285-00.3-NA-P	Total/NA	Solid	8015NM Prep	

Prep Batch: 50828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-46	CF-310-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-47	CF-311-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-48	CF-312-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-49	CF-313-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-50	CF-314-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-51	CF-315-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-52	CF-316-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-53	CF-317-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-54	CF-318-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-55	CF-319-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-56	CF-320-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-57	CF-321-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-58	CF-322-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-59	CF-323-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-60	CF-324-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-61	CF-325-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-62	CF-326-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-63	CW-001-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-64	CW-002-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-65	CW-003-02.0-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50828/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50828/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50828/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26926-46 MS	CF-310-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-26926-46 MSD	CF-310-00.3-NA-S	Total/NA	Solid	8015NM Prep	

Prep Batch: 50829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-66	CW-004-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-67	CW-005-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-68	CW-006-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-69	CW-007-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-70	CW-008-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-71	CW-009-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-72	CW-010-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-73	CW-011-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-74	CW-012-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-75	CW-013-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-76	CW-014-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-77	CW-015-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-78	CW-016-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-79	CW-017-02.0-NA-P	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA (Continued)

Prep Batch: 50829 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-80	CW-018-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-81	CW-019-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-82	CW-020-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-83	CW-021-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-84	CW-022-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-85	CW-023-02.0-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50829/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50829/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50829/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26926-66 MS	CW-004-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-66 MSD	CW-004-02.0-NA-P	Total/NA	Solid	8015NM Prep	

Prep Batch: 50830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-86	CW-024-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-87	CW-025-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-88	CW-026-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-89	CW-027-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-90	CW-028-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-91	CW-029-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-92	CW-030-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-93	CW-032-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-95	CW-31-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-96	CF-344-04.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-97	CF-261-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-50830/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50830/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50830/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26926-86 MS	CW-024-02.0-NA-P	Total/NA	Solid	8015NM Prep	
880-26926-86 MSD	CW-024-02.0-NA-P	Total/NA	Solid	8015NM Prep	

Analysis Batch: 50862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-1	CF-262-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-2	CF-263-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-3	CF-264-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-4	CF-267-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-5	CF-268-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-6	CF-269-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-7	CF-270-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-8	CF-271-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-9	CF-272-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-10	CF-273-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-11	CF-274-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-12	CF-275-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-13	CF-276-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-14	CF-278-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-15	CF-279-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-16	CF-280-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-17	CF-281-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-18	CF-282-00.3-NA-P	Total/NA	Solid	8015B NM	50822

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

GC Semi VOA (Continued)

Analysis Batch: 50862 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-19	CF-283-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-20	CF-284-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-21	CF-285-00.3-NA-P	Total/NA	Solid	8015B NM	50824
880-26926-22	CF-286-00.3-NA-P	Total/NA	Solid	8015B NM	50824
880-26926-23	CF-287-00.3-NA-P	Total/NA	Solid	8015B NM	50824
880-26926-24	CF-288-00.3-NA-P	Total/NA	Solid	8015B NM	50824
880-26926-25	CF-289-00.3-NA-P	Total/NA	Solid	8015B NM	50824
880-26926-26	CF-290-00.3-NA-P	Total/NA	Solid	8015B NM	50824
880-26926-27	CF-291-00.3-NA-P	Total/NA	Solid	8015B NM	50824
880-26926-28	CF-292-00.3-NA-P	Total/NA	Solid	8015B NM	50824
880-26926-29	CF-293-00.3-NA-P	Total/NA	Solid	8015B NM	50824
880-26926-30	CF-294-00.3-NA-P	Total/NA	Solid	8015B NM	50824
880-26926-31	CF-295-00.3-NA-P	Total/NA	Solid	8015B NM	50824
880-26926-37	CF-301-00.3-NA-S	Total/NA	Solid	8015B NM	50824
880-26926-38	CF-302-00.3-NA-S	Total/NA	Solid	8015B NM	50824
880-26926-39	CF-303-00.3-NA-S	Total/NA	Solid	8015B NM	50824
880-26926-40	CF-304-00.3-NA-S	Total/NA	Solid	8015B NM	50824
880-26926-41	CF-305-00.3-NA-S	Total/NA	Solid	8015B NM	50824
880-26926-42	CF-306-00.3-NA-S	Total/NA	Solid	8015B NM	50824
880-26926-43	CF-307-00.3-NA-S	Total/NA	Solid	8015B NM	50824
880-26926-44	CF-308-00.3-NA-S	Total/NA	Solid	8015B NM	50824
880-26926-45	CF-309-00.3-NA-S	Total/NA	Solid	8015B NM	50824
MB 880-50822/1-A	Method Blank	Total/NA	Solid	8015B NM	50822
MB 880-50824/1-A	Method Blank	Total/NA	Solid	8015B NM	50824
LCS 880-50822/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50822
LCS 880-50824/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50824
LCSD 880-50822/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50822
LCSD 880-50824/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50824
880-26926-1 MS	CF-262-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-1 MSD	CF-262-00.3-NA-P	Total/NA	Solid	8015B NM	50822
880-26926-21 MS	CF-285-00.3-NA-P	Total/NA	Solid	8015B NM	50824
880-26926-21 MSD	CF-285-00.3-NA-P	Total/NA	Solid	8015B NM	50824

Analysis Batch: 50866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-46	CF-310-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-47	CF-311-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-48	CF-312-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-49	CF-313-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-50	CF-314-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-51	CF-315-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-52	CF-316-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-53	CF-317-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-54	CF-318-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-55	CF-319-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-56	CF-320-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-57	CF-321-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-58	CF-322-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-59	CF-323-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-60	CF-324-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-61	CF-325-00.3-NA-S	Total/NA	Solid	8015B NM	50828

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

GC Semi VOA (Continued)

Analysis Batch: 50866 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-62	CF-326-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-63	CW-001-02.0-NA-P	Total/NA	Solid	8015B NM	50828
880-26926-64	CW-002-02.0-NA-P	Total/NA	Solid	8015B NM	50828
880-26926-65	CW-003-02.0-NA-P	Total/NA	Solid	8015B NM	50828
MB 880-50828/1-A	Method Blank	Total/NA	Solid	8015B NM	50828
LCS 880-50828/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50828
LCSD 880-50828/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50828
880-26926-46 MS	CF-310-00.3-NA-S	Total/NA	Solid	8015B NM	50828
880-26926-46 MSD	CF-310-00.3-NA-S	Total/NA	Solid	8015B NM	50828

Analysis Batch: 50876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-1	CF-262-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-2	CF-263-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-3	CF-264-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-4	CF-267-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-5	CF-268-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-6	CF-269-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-7	CF-270-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-8	CF-271-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-9	CF-272-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-10	CF-273-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-11	CF-274-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-12	CF-275-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-13	CF-276-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-14	CF-278-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-15	CF-279-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-16	CF-280-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-17	CF-281-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-18	CF-282-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-19	CF-283-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-20	CF-284-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-21	CF-285-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-22	CF-286-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-23	CF-287-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-24	CF-288-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-25	CF-289-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-26	CF-290-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-27	CF-291-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-28	CF-292-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-29	CF-293-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-30	CF-294-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-31	CF-295-00.3-NA-P	Total/NA	Solid	8015 NM	
880-26926-32	CF-296-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-33	CF-297-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-34	CF-298-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-35	CF-299-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-36	CF-300-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-37	CF-301-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-38	CF-302-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-39	CF-303-00.3-NA-S	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA (Continued)

Analysis Batch: 50876 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-40	CF-304-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-41	CF-305-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-42	CF-306-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-43	CF-307-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-44	CF-308-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-45	CF-309-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-46	CF-310-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-47	CF-311-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-48	CF-312-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-49	CF-313-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-50	CF-314-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-51	CF-315-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-52	CF-316-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-53	CF-317-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-54	CF-318-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-55	CF-319-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-56	CF-320-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-57	CF-321-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-58	CF-322-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-59	CF-323-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-60	CF-324-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-61	CF-325-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-62	CF-326-00.3-NA-S	Total/NA	Solid	8015 NM	
880-26926-63	CW-001-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-64	CW-002-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-65	CW-003-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-66	CW-004-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-67	CW-005-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-68	CW-006-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-69	CW-007-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-70	CW-008-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-71	CW-009-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-72	CW-010-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-73	CW-011-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-74	CW-012-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-75	CW-013-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-76	CW-014-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-77	CW-015-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-78	CW-016-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-79	CW-017-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-80	CW-018-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-81	CW-019-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-82	CW-020-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-83	CW-021-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-84	CW-022-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-85	CW-023-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-86	CW-024-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-87	CW-025-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-88	CW-026-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-89	CW-027-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-90	CW-028-02.0-NA-P	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

GC Semi VOA (Continued)

Analysis Batch: 50876 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-91	CW-029-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-92	CW-030-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-93	CW-032-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-95	CW-31-02.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-96	CF-344-04.0-NA-P	Total/NA	Solid	8015 NM	
880-26926-97	CF-261-00.3-NA-P	Total/NA	Solid	8015 NM	

Analysis Batch: 50946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-66	CW-004-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-67	CW-005-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-68	CW-006-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-69	CW-007-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-70	CW-008-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-71	CW-009-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-72	CW-010-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-73	CW-011-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-74	CW-012-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-75	CW-013-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-76	CW-014-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-77	CW-015-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-78	CW-016-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-79	CW-017-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-80	CW-018-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-81	CW-019-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-82	CW-020-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-83	CW-021-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-84	CW-022-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-85	CW-023-02.0-NA-P	Total/NA	Solid	8015B NM	50829
MB 880-50829/1-A	Method Blank	Total/NA	Solid	8015B NM	50829
LCS 880-50829/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50829
LCSD 880-50829/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50829
880-26926-66 MS	CW-004-02.0-NA-P	Total/NA	Solid	8015B NM	50829
880-26926-66 MSD	CW-004-02.0-NA-P	Total/NA	Solid	8015B NM	50829

Analysis Batch: 50959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-86	CW-024-02.0-NA-P	Total/NA	Solid	8015B NM	50830
880-26926-87	CW-025-02.0-NA-P	Total/NA	Solid	8015B NM	50830
880-26926-88	CW-026-02.0-NA-P	Total/NA	Solid	8015B NM	50830
880-26926-89	CW-027-02.0-NA-P	Total/NA	Solid	8015B NM	50830
880-26926-90	CW-028-02.0-NA-P	Total/NA	Solid	8015B NM	50830
880-26926-91	CW-029-02.0-NA-P	Total/NA	Solid	8015B NM	50830
880-26926-92	CW-030-02.0-NA-P	Total/NA	Solid	8015B NM	50830
880-26926-93	CW-032-02.0-NA-P	Total/NA	Solid	8015B NM	50830
880-26926-95	CW-31-02.0-NA-P	Total/NA	Solid	8015B NM	50830
880-26926-96	CF-344-04.0-NA-P	Total/NA	Solid	8015B NM	50830
880-26926-97	CF-261-00.3-NA-P	Total/NA	Solid	8015B NM	50830
MB 880-50830/1-A	Method Blank	Total/NA	Solid	8015B NM	50830
LCS 880-50830/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50830
LCSD 880-50830/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50830

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

GC Semi VOA (Continued)

Analysis Batch: 50959 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-86 MS	CW-024-02.0-NA-P	Total/NA	Solid	8015B NM	50830
880-26926-86 MSD	CW-024-02.0-NA-P	Total/NA	Solid	8015B NM	50830

HPLC/IC

Leach Batch: 50781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-1	CF-262-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-2	CF-263-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-3	CF-264-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-4	CF-267-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-5	CF-268-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-6	CF-269-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-7	CF-270-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-8	CF-271-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-9	CF-272-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-10	CF-273-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-11	CF-274-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50781/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50781/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50781/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26926-2 MS	CF-263-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-2 MSD	CF-263-00.3-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-12	CF-275-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-13	CF-276-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-14	CF-278-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-15	CF-279-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-16	CF-280-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-17	CF-281-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-18	CF-282-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-19	CF-283-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-20	CF-284-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-21	CF-285-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-22	CF-286-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-23	CF-287-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-24	CF-288-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-25	CF-289-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-26	CF-290-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-27	CF-291-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-28	CF-292-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-29	CF-293-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-30	CF-294-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-31	CF-295-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50782/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50782/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50782/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26926-12 MS	CF-275-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-12 MSD	CF-275-00.3-NA-P	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

HPLC/IC (Continued)

Leach Batch: 50782 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-22 MS	CF-286-00.3-NA-P	Soluble	Solid	DI Leach	
880-26926-22 MSD	CF-286-00.3-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-32	CF-296-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-33	CF-297-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-34	CF-298-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-35	CF-299-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-36	CF-300-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-37	CF-301-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-38	CF-302-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-39	CF-303-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-40	CF-304-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-41	CF-305-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-42	CF-306-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-43	CF-307-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-44	CF-308-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-45	CF-309-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-46	CF-310-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-47	CF-311-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-48	CF-312-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-49	CF-313-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-50	CF-314-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-51	CF-315-00.3-NA-S	Soluble	Solid	DI Leach	
MB 880-50783/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50783/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50783/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26926-32 MS	CF-296-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-32 MSD	CF-296-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-42 MS	CF-306-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-42 MSD	CF-306-00.3-NA-S	Soluble	Solid	DI Leach	

Leach Batch: 50784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-52	CF-316-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-53	CF-317-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-54	CF-318-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-55	CF-319-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-56	CF-320-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-57	CF-321-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-58	CF-322-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-59	CF-323-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-60	CF-324-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-61	CF-325-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-62	CF-326-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-63	CW-001-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-64	CW-002-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-65	CW-003-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-66	CW-004-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-67	CW-005-02.0-NA-P	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

HPLC/IC (Continued)

Leach Batch: 50784 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-68	CW-006-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-69	CW-007-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-70	CW-008-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-71	CW-009-02.0-NA-P	Soluble	Solid	DI Leach	
MB 880-50784/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50784/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50784/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26926-52 MS	CF-316-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-52 MSD	CF-316-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-62 MS	CF-326-00.3-NA-S	Soluble	Solid	DI Leach	
880-26926-62 MSD	CF-326-00.3-NA-S	Soluble	Solid	DI Leach	

Leach Batch: 50785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-72	CW-010-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-73	CW-011-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-74	CW-012-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-75	CW-013-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-76	CW-014-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-77	CW-015-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-78	CW-016-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-79	CW-017-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-80	CW-018-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-81	CW-019-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-82	CW-020-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-83	CW-021-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-84	CW-022-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-85	CW-023-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-86	CW-024-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-87	CW-025-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-88	CW-026-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-89	CW-027-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-90	CW-028-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-91	CW-029-02.0-NA-P	Soluble	Solid	DI Leach	
MB 880-50785/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50785/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50785/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26926-72 MS	CW-010-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-72 MSD	CW-010-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-82 MS	CW-020-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-82 MSD	CW-020-02.0-NA-P	Soluble	Solid	DI Leach	

Leach Batch: 50787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-92	CW-030-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-93	CW-032-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-95	CW-31-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-96	CF-344-04.0-NA-P	Soluble	Solid	DI Leach	
880-26926-97	CF-261-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-50787/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50787/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

HPLC/IC (Continued)

Leach Batch: 50787 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-50787/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26926-92 MS	CW-030-02.0-NA-P	Soluble	Solid	DI Leach	
880-26926-92 MSD	CW-030-02.0-NA-P	Soluble	Solid	DI Leach	

Analysis Batch: 51052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-92	CW-030-02.0-NA-P	Soluble	Solid	300.0	50787
880-26926-93	CW-032-02.0-NA-P	Soluble	Solid	300.0	50787
880-26926-95	CW-31-02.0-NA-P	Soluble	Solid	300.0	50787
880-26926-96	CF-344-04.0-NA-P	Soluble	Solid	300.0	50787
880-26926-97	CF-261-00.3-NA-P	Soluble	Solid	300.0	50787
MB 880-50787/1-A	Method Blank	Soluble	Solid	300.0	50787
LCS 880-50787/2-A	Lab Control Sample	Soluble	Solid	300.0	50787
LCSD 880-50787/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50787
880-26926-92 MS	CW-030-02.0-NA-P	Soluble	Solid	300.0	50787
880-26926-92 MSD	CW-030-02.0-NA-P	Soluble	Solid	300.0	50787

Analysis Batch: 51089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-1	CF-262-00.3-NA-P	Soluble	Solid	300.0	50781
880-26926-2	CF-263-00.3-NA-P	Soluble	Solid	300.0	50781
880-26926-3	CF-264-00.3-NA-P	Soluble	Solid	300.0	50781
880-26926-4	CF-267-00.3-NA-P	Soluble	Solid	300.0	50781
880-26926-5	CF-268-00.3-NA-P	Soluble	Solid	300.0	50781
880-26926-6	CF-269-00.3-NA-P	Soluble	Solid	300.0	50781
880-26926-7	CF-270-00.3-NA-P	Soluble	Solid	300.0	50781
880-26926-8	CF-271-00.3-NA-P	Soluble	Solid	300.0	50781
880-26926-9	CF-272-00.3-NA-P	Soluble	Solid	300.0	50781
880-26926-10	CF-273-00.3-NA-P	Soluble	Solid	300.0	50781
880-26926-11	CF-274-00.3-NA-P	Soluble	Solid	300.0	50781
MB 880-50781/1-A	Method Blank	Soluble	Solid	300.0	50781
LCS 880-50781/2-A	Lab Control Sample	Soluble	Solid	300.0	50781
LCSD 880-50781/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50781
880-26926-2 MS	CF-263-00.3-NA-P	Soluble	Solid	300.0	50781
880-26926-2 MSD	CF-263-00.3-NA-P	Soluble	Solid	300.0	50781

Analysis Batch: 51096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-12	CF-275-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-13	CF-276-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-14	CF-278-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-15	CF-279-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-16	CF-280-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-17	CF-281-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-18	CF-282-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-19	CF-283-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-20	CF-284-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-21	CF-285-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-22	CF-286-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-23	CF-287-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-24	CF-288-00.3-NA-P	Soluble	Solid	300.0	50782

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

HPLC/IC (Continued)

Analysis Batch: 51096 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-25	CF-289-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-26	CF-290-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-27	CF-291-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-28	CF-292-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-29	CF-293-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-30	CF-294-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-31	CF-295-00.3-NA-P	Soluble	Solid	300.0	50782
MB 880-50782/1-A	Method Blank	Soluble	Solid	300.0	50782
LCS 880-50782/2-A	Lab Control Sample	Soluble	Solid	300.0	50782
LCSD 880-50782/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50782
880-26926-12 MS	CF-275-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-12 MSD	CF-275-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-22 MS	CF-286-00.3-NA-P	Soluble	Solid	300.0	50782
880-26926-22 MSD	CF-286-00.3-NA-P	Soluble	Solid	300.0	50782

Analysis Batch: 51098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-32	CF-296-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-33	CF-297-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-34	CF-298-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-35	CF-299-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-36	CF-300-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-37	CF-301-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-38	CF-302-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-39	CF-303-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-40	CF-304-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-41	CF-305-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-42	CF-306-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-43	CF-307-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-44	CF-308-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-45	CF-309-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-46	CF-310-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-47	CF-311-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-48	CF-312-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-49	CF-313-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-50	CF-314-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-51	CF-315-00.3-NA-S	Soluble	Solid	300.0	50783
MB 880-50783/1-A	Method Blank	Soluble	Solid	300.0	50783
LCS 880-50783/2-A	Lab Control Sample	Soluble	Solid	300.0	50783
LCSD 880-50783/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50783
880-26926-32 MS	CF-296-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-32 MSD	CF-296-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-42 MS	CF-306-00.3-NA-S	Soluble	Solid	300.0	50783
880-26926-42 MSD	CF-306-00.3-NA-S	Soluble	Solid	300.0	50783

Analysis Batch: 51099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-52	CF-316-00.3-NA-S	Soluble	Solid	300.0	50784
880-26926-53	CF-317-00.3-NA-S	Soluble	Solid	300.0	50784
880-26926-54	CF-318-00.3-NA-S	Soluble	Solid	300.0	50784
880-26926-55	CF-319-00.3-NA-S	Soluble	Solid	300.0	50784

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

HPLC/IC (Continued)

Analysis Batch: 51099 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-56	CF-320-00.3-NA-S	Soluble	Solid	300.0	50784
880-26926-57	CF-321-00.3-NA-S	Soluble	Solid	300.0	50784
880-26926-58	CF-322-00.3-NA-S	Soluble	Solid	300.0	50784
880-26926-59	CF-323-00.3-NA-S	Soluble	Solid	300.0	50784
880-26926-60	CF-324-00.3-NA-S	Soluble	Solid	300.0	50784
880-26926-61	CF-325-00.3-NA-S	Soluble	Solid	300.0	50784
880-26926-62	CF-326-00.3-NA-S	Soluble	Solid	300.0	50784
880-26926-63	CW-001-02.0-NA-P	Soluble	Solid	300.0	50784
880-26926-64	CW-002-02.0-NA-P	Soluble	Solid	300.0	50784
880-26926-65	CW-003-02.0-NA-P	Soluble	Solid	300.0	50784
880-26926-66	CW-004-02.0-NA-P	Soluble	Solid	300.0	50784
880-26926-67	CW-005-02.0-NA-P	Soluble	Solid	300.0	50784
880-26926-68	CW-006-02.0-NA-P	Soluble	Solid	300.0	50784
880-26926-69	CW-007-02.0-NA-P	Soluble	Solid	300.0	50784
880-26926-70	CW-008-02.0-NA-P	Soluble	Solid	300.0	50784
880-26926-71	CW-009-02.0-NA-P	Soluble	Solid	300.0	50784
MB 880-50784/1-A	Method Blank	Soluble	Solid	300.0	50784
LCS 880-50784/2-A	Lab Control Sample	Soluble	Solid	300.0	50784
LCSD 880-50784/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50784
880-26926-52 MS	CF-316-00.3-NA-S	Soluble	Solid	300.0	50784
880-26926-52 MSD	CF-316-00.3-NA-S	Soluble	Solid	300.0	50784
880-26926-62 MS	CF-326-00.3-NA-S	Soluble	Solid	300.0	50784
880-26926-62 MSD	CF-326-00.3-NA-S	Soluble	Solid	300.0	50784

Analysis Batch: 51100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-72	CW-010-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-73	CW-011-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-74	CW-012-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-75	CW-013-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-76	CW-014-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-77	CW-015-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-78	CW-016-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-79	CW-017-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-80	CW-018-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-81	CW-019-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-82	CW-020-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-83	CW-021-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-84	CW-022-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-85	CW-023-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-86	CW-024-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-87	CW-025-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-88	CW-026-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-89	CW-027-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-90	CW-028-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-91	CW-029-02.0-NA-P	Soluble	Solid	300.0	50785
MB 880-50785/1-A	Method Blank	Soluble	Solid	300.0	50785
LCS 880-50785/2-A	Lab Control Sample	Soluble	Solid	300.0	50785
LCSD 880-50785/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50785
880-26926-72 MS	CW-010-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-72 MSD	CW-010-02.0-NA-P	Soluble	Solid	300.0	50785

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

HPLC/IC (Continued)

Analysis Batch: 51100 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26926-82 MS	CW-020-02.0-NA-P	Soluble	Solid	300.0	50785
880-26926-82 MSD	CW-020-02.0-NA-P	Soluble	Solid	300.0	50785

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Client Sample ID: CF-262-00.3-NA-P

Lab Sample ID: 880-26926-1
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/12/23 20:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 15:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 12:17	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50781	04/10/23 09:31	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51089	04/13/23 14:52	SMC	EET MID

Client Sample ID: CF-263-00.3-NA-P

Lab Sample ID: 880-26926-2
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/12/23 20:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 15:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 13:24	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50781	04/10/23 09:31	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51089	04/13/23 14:57	SMC	EET MID

Client Sample ID: CF-264-00.3-NA-P

Lab Sample ID: 880-26926-3
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/12/23 21:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 15:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 13:47	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50781	04/10/23 09:31	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51089	04/13/23 15:12	SMC	EET MID

Client Sample ID: CF-267-00.3-NA-P

Lab Sample ID: 880-26926-4
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/12/23 21:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-267-00.3-NA-P
Lab Sample ID: 880-26926-4
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50876	04/11/23 15:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 14:10	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50781	04/10/23 09:31	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51089	04/13/23 15:17	SMC	EET MID

Client Sample ID: CF-268-00.3-NA-P
Lab Sample ID: 880-26926-5
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/12/23 22:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 15:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 14:32	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50781	04/10/23 09:31	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51089	04/13/23 15:31	SMC	EET MID

Client Sample ID: CF-269-00.3-NA-P
Lab Sample ID: 880-26926-6
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/12/23 22:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 15:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 14:54	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50781	04/10/23 09:31	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51089	04/13/23 15:36	SMC	EET MID

Client Sample ID: CF-270-00.3-NA-P
Lab Sample ID: 880-26926-7
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/12/23 23:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 15:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 15:16	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-270-00.3-NA-P
Lab Sample ID: 880-26926-7
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	50781	04/10/23 09:31	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51089	04/13/23 15:41	SMC	EET MID

Client Sample ID: CF-271-00.3-NA-P
Lab Sample ID: 880-26926-8
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/12/23 23:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 15:39	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50781	04/10/23 09:31	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51089	04/13/23 15:46	SMC	EET MID

Client Sample ID: CF-272-00.3-NA-P
Lab Sample ID: 880-26926-9
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/12/23 23:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 16:01	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50781	04/10/23 09:31	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51089	04/13/23 15:50	SMC	EET MID

Client Sample ID: CF-273-00.3-NA-P
Lab Sample ID: 880-26926-10
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/13/23 00:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 16:24	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50781	04/10/23 09:31	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51089	04/13/23 15:55	SMC	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-274-00.3-NA-P
Lab Sample ID: 880-26926-11
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/13/23 02:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 17:09	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50781	04/10/23 09:31	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51089	04/13/23 16:00	SMC	EET MID

Client Sample ID: CF-275-00.3-NA-P
Lab Sample ID: 880-26926-12
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/13/23 02:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 17:32	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 16:39	SMC	EET MID

Client Sample ID: CF-276-00.3-NA-P
Lab Sample ID: 880-26926-13
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/13/23 03:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 17:53	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 16:53	SMC	EET MID

Client Sample ID: CF-278-00.3-NA-P
Lab Sample ID: 880-26926-14
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/13/23 03:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-278-00.3-NA-P
Lab Sample ID: 880-26926-14
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 18:15	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 16:58	SMC	EET MID

Client Sample ID: CF-279-00.3-NA-P
Lab Sample ID: 880-26926-15
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/13/23 03:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 18:36	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 17:03	SMC	EET MID

Client Sample ID: CF-280-00.3-NA-P
Lab Sample ID: 880-26926-16
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/13/23 04:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 18:58	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 17:08	SMC	EET MID

Client Sample ID: CF-281-00.3-NA-P
Lab Sample ID: 880-26926-17
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/13/23 04:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 19:19	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-281-00.3-NA-P
Lab Sample ID: 880-26926-17
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 17:25	SMC	EET MID

Client Sample ID: CF-282-00.3-NA-P
Lab Sample ID: 880-26926-18
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/13/23 05:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 19:40	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 17:30	SMC	EET MID

Client Sample ID: CF-283-00.3-NA-P
Lab Sample ID: 880-26926-19
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/13/23 05:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 20:01	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 17:34	SMC	EET MID

Client Sample ID: CF-284-00.3-NA-P
Lab Sample ID: 880-26926-20
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	50833	04/10/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51000	04/13/23 06:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50822	04/10/23 11:34	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 20:22	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 17:39	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-285-00.3-NA-P
Lab Sample ID: 880-26926-21
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 11:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50824	04/10/23 11:39	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 22:09	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 17:44	SMC	EET MID

Client Sample ID: CF-286-00.3-NA-P
Lab Sample ID: 880-26926-22
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 11:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 23:13	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 17:49	SMC	EET MID

Client Sample ID: CF-287-00.3-NA-P
Lab Sample ID: 880-26926-23
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 12:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 23:34	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 18:03	SMC	EET MID

Client Sample ID: CF-288-00.3-NA-P
Lab Sample ID: 880-26926-24
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:34	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-288-00.3-NA-P
Lab Sample ID: 880-26926-24
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/11/23 23:56	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 18:08	SMC	EET MID

Client Sample ID: CF-289-00.3-NA-P
Lab Sample ID: 880-26926-25
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 12:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 13:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 00:17	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 18:23	SMC	EET MID

Client Sample ID: CF-290-00.3-NA-P
Lab Sample ID: 880-26926-26
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 00:38	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 18:28	SMC	EET MID

Client Sample ID: CF-291-00.3-NA-P
Lab Sample ID: 880-26926-27
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 13:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 01:00	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-291-00.3-NA-P
Lab Sample ID: 880-26926-27
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 18:32	SMC	EET MID

Client Sample ID: CF-292-00.3-NA-P
Lab Sample ID: 880-26926-28
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 01:21	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 18:37	SMC	EET MID

Client Sample ID: CF-293-00.3-NA-P
Lab Sample ID: 880-26926-29
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 14:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 01:43	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 18:42	SMC	EET MID

Client Sample ID: CF-294-00.3-NA-P
Lab Sample ID: 880-26926-30
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 14:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/13/23 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 02:05	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 18:52	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-295-00.3-NA-P
Lab Sample ID: 880-26926-31
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 15:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 02:48	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50782	04/10/23 09:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51096	04/13/23 18:47	SMC	EET MID

Client Sample ID: CF-296-00.3-NA-S
Lab Sample ID: 880-26926-32
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 16:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 09:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50624	04/07/23 14:37	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50779	04/10/23 17:55	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 19:31	SMC	EET MID

Client Sample ID: CF-297-00.3-NA-S
Lab Sample ID: 880-26926-33
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 16:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 09:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50624	04/07/23 14:37	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50779	04/10/23 18:15	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 19:45	SMC	EET MID

Client Sample ID: CF-298-00.3-NA-S
Lab Sample ID: 880-26926-34
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 16:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:08	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-298-00.3-NA-S
Lab Sample ID: 880-26926-34
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50876	04/11/23 09:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50624	04/07/23 14:37	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50779	04/10/23 18:35	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 19:50	SMC	EET MID

Client Sample ID: CF-299-00.3-NA-S
Lab Sample ID: 880-26926-35
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 17:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 09:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50624	04/07/23 14:37	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50779	04/10/23 18:56	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 19:55	SMC	EET MID

Client Sample ID: CF-300-00.3-NA-S
Lab Sample ID: 880-26926-36
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 17:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 09:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50624	04/07/23 14:37	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50779	04/10/23 19:16	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 20:00	SMC	EET MID

Client Sample ID: CF-301-00.3-NA-S
Lab Sample ID: 880-26926-37
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 18:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 03:09	SM	EET MID

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Released to Imaging: 3/4/2024 11:19:30 AM

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-301-00.3-NA-S
Lab Sample ID: 880-26926-37
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 20:14	SMC	EET MID

Client Sample ID: CF-302-00.3-NA-S
Lab Sample ID: 880-26926-38
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 18:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 03:31	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 20:19	SMC	EET MID

Client Sample ID: CF-303-00.3-NA-S
Lab Sample ID: 880-26926-39
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 18:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 03:52	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 20:24	SMC	EET MID

Client Sample ID: CF-304-00.3-NA-S
Lab Sample ID: 880-26926-40
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50834	04/10/23 14:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51016	04/13/23 19:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 04:13	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 20:29	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-305-00.3-NA-S
Lab Sample ID: 880-26926-41
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/13/23 19:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 04:35	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 20:33	SMC	EET MID

Client Sample ID: CF-306-00.3-NA-S
Lab Sample ID: 880-26926-42
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/13/23 19:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 04:56	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 20:38	SMC	EET MID

Client Sample ID: CF-307-00.3-NA-S
Lab Sample ID: 880-26926-43
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/13/23 20:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 05:17	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 20:45	SMC	EET MID

Client Sample ID: CF-308-00.3-NA-S
Lab Sample ID: 880-26926-44
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/13/23 20:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-308-00.3-NA-S
Lab Sample ID: 880-26926-44
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 05:39	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 20:50	SMC	EET MID

Client Sample ID: CF-309-00.3-NA-S
Lab Sample ID: 880-26926-45
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/13/23 21:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50824	04/10/23 11:40	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50862	04/12/23 06:01	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 21:05	SMC	EET MID

Client Sample ID: CF-310-00.3-NA-S
Lab Sample ID: 880-26926-46
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/13/23 21:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 15:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 12:38	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 21:10	SMC	EET MID

Client Sample ID: CF-311-00.3-NA-S
Lab Sample ID: 880-26926-47
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/13/23 21:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 15:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 13:45	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-311-00.3-NA-S
Lab Sample ID: 880-26926-47
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 21:14	SMC	EET MID

Client Sample ID: CF-312-00.3-NA-S
Lab Sample ID: 880-26926-48
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/13/23 22:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 15:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 14:06	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 21:19	SMC	EET MID

Client Sample ID: CF-313-00.3-NA-S
Lab Sample ID: 880-26926-49
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/13/23 22:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 15:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 14:28	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 21:24	SMC	EET MID

Client Sample ID: CF-314-00.3-NA-S
Lab Sample ID: 880-26926-50
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/13/23 23:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/11/23 15:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 14:51	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 21:29	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-315-00.3-NA-S
Lab Sample ID: 880-26926-51
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/14/23 01:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 15:12	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50783	04/10/23 09:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51098	04/13/23 21:34	SMC	EET MID

Client Sample ID: CF-316-00.3-NA-S
Lab Sample ID: 880-26926-52
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/14/23 01:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 15:35	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 22:12	SMC	EET MID

Client Sample ID: CF-317-00.3-NA-S
Lab Sample ID: 880-26926-53
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/14/23 01:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 15:57	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 22:27	SMC	EET MID

Client Sample ID: CF-318-00.3-NA-S
Lab Sample ID: 880-26926-54
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/14/23 02:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-318-00.3-NA-S
Lab Sample ID: 880-26926-54
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 16:18	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 22:32	SMC	EET MID

Client Sample ID: CF-319-00.3-NA-S
Lab Sample ID: 880-26926-55
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/14/23 02:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 16:40	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 22:37	SMC	EET MID

Client Sample ID: CF-320-00.3-NA-S
Lab Sample ID: 880-26926-56
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/14/23 03:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 17:25	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 22:41	SMC	EET MID

Client Sample ID: CF-321-00.3-NA-S
Lab Sample ID: 880-26926-57
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50835	04/10/23 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51107	04/14/23 03:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 10:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 17:46	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-321-00.3-NA-S
Lab Sample ID: 880-26926-57
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 22:56	SMC	EET MID

Client Sample ID: CF-322-00.3-NA-S
Lab Sample ID: 880-26926-58
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51143	04/14/23 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51140	04/14/23 18:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 18:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 18:06	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 23:01	SMC	EET MID

Client Sample ID: CF-323-00.3-NA-S
Lab Sample ID: 880-26926-59
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51143	04/14/23 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51140	04/14/23 18:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 18:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 18:26	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 23:06	SMC	EET MID

Client Sample ID: CF-324-00.3-NA-S
Lab Sample ID: 880-26926-60
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51143	04/14/23 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51140	04/14/23 18:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/16/23 11:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 18:46	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 23:10	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CF-325-00.3-NA-S
Lab Sample ID: 880-26926-61
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 12:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 19:06	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 23:15	SMC	EET MID

Client Sample ID: CF-326-00.3-NA-S
Lab Sample ID: 880-26926-62
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 12:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 19:26	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 23:20	SMC	EET MID

Client Sample ID: CW-001-02.0-NA-P
Lab Sample ID: 880-26926-63
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 13:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 19:47	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 23:35	SMC	EET MID

Client Sample ID: CW-002-02.0-NA-P
Lab Sample ID: 880-26926-64
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 13:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 17:08	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-002-02.0-NA-P
Lab Sample ID: 880-26926-64
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 20:06	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 23:39	SMC	EET MID

Client Sample ID: CW-003-02.0-NA-P
Lab Sample ID: 880-26926-65
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 14:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/12/23 09:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50828	04/10/23 12:54	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50866	04/11/23 20:26	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 23:54	SMC	EET MID

Client Sample ID: CW-004-02.0-NA-P
Lab Sample ID: 880-26926-66
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 14:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 11:47	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/13/23 23:59	SMC	EET MID

Client Sample ID: CW-005-02.0-NA-P
Lab Sample ID: 880-26926-67
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 14:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 12:53	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-005-02.0-NA-P
Lab Sample ID: 880-26926-67
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/14/23 00:04	SMC	EET MID

Client Sample ID: CW-006-02.0-NA-P
Lab Sample ID: 880-26926-68
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 15:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 13:15	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/14/23 00:08	SMC	EET MID

Client Sample ID: CW-007-02.0-NA-P
Lab Sample ID: 880-26926-69
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 15:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 13:36	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/14/23 00:13	SMC	EET MID

Client Sample ID: CW-008-02.0-NA-P
Lab Sample ID: 880-26926-70
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 16:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/14/23 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 13:58	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/14/23 00:18	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-009-02.0-NA-P
Lab Sample ID: 880-26926-71
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 17:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/16/23 11:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 14:20	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50784	04/10/23 09:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51099	04/14/23 00:23	SMC	EET MID

Client Sample ID: CW-010-02.0-NA-P
Lab Sample ID: 880-26926-72
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 18:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/16/23 11:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 14:42	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 16:20	SMC	EET MID

Client Sample ID: CW-011-02.0-NA-P
Lab Sample ID: 880-26926-73
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/16/23 11:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 15:04	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 16:34	SMC	EET MID

Client Sample ID: CW-012-02.0-NA-P
Lab Sample ID: 880-26926-74
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 19:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/16/23 11:08	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-012-02.0-NA-P — Lab Sample ID: 880-26926-74

Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 16:28	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 16:52	SMC	EET MID

Client Sample ID: CW-013-02.0-NA-P — Lab Sample ID: 880-26926-75

Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 19:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/16/23 11:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 16:49	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 16:57	SMC	EET MID

Client Sample ID: CW-014-02.0-NA-P — Lab Sample ID: 880-26926-76

Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 20:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/16/23 11:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 17:32	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 17:01	SMC	EET MID

Client Sample ID: CW-015-02.0-NA-P — Lab Sample ID: 880-26926-77

Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 20:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/16/23 11:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 17:54	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-015-02.0-NA-P
Lab Sample ID: 880-26926-77
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 17:15	SMC	EET MID

Client Sample ID: CW-016-02.0-NA-P
Lab Sample ID: 880-26926-78
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 21:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/16/23 11:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 18:16	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 17:20	SMC	EET MID

Client Sample ID: CW-017-02.0-NA-P
Lab Sample ID: 880-26926-79
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 21:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/16/23 11:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 18:38	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 17:24	SMC	EET MID

Client Sample ID: CW-018-02.0-NA-P
Lab Sample ID: 880-26926-80
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50838	04/10/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/14/23 21:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/16/23 11:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 19:00	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 17:29	SMC	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Client Sample ID: CW-019-02.0-NA-P

Lab Sample ID: 880-26926-81
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/13/23 22:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 19:21	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 17:33	SMC	EET MID

Client Sample ID: CW-020-02.0-NA-P

Lab Sample ID: 880-26926-82
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/13/23 23:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 19:44	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 17:38	SMC	EET MID

Client Sample ID: CW-021-02.0-NA-P

Lab Sample ID: 880-26926-83
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/13/23 23:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 20:06	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 17:52	SMC	EET MID

Client Sample ID: CW-022-02.0-NA-P

Lab Sample ID: 880-26926-84
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/14/23 00:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-022-02.0-NA-P
Lab Sample ID: 880-26926-84
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 20:28	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 17:56	SMC	EET MID

Client Sample ID: CW-023-02.0-NA-P
Lab Sample ID: 880-26926-85
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/14/23 00:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50829	04/10/23 12:57	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50946	04/12/23 20:51	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 18:10	SMC	EET MID

Client Sample ID: CW-024-02.0-NA-P
Lab Sample ID: 880-26926-86
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/14/23 00:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 11:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50830	04/11/23 12:59	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50959	04/12/23 11:39	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 18:14	SMC	EET MID

Client Sample ID: CW-025-02.0-NA-P
Lab Sample ID: 880-26926-87
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/14/23 01:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 11:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50830	04/11/23 13:00	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50959	04/12/23 12:47	SM	EET MID

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Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-025-02.0-NA-P
Lab Sample ID: 880-26926-87
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 18:19	SMC	EET MID

Client Sample ID: CW-026-02.0-NA-P
Lab Sample ID: 880-26926-88
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/14/23 01:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 11:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50830	04/11/23 13:00	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50959	04/12/23 13:10	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 18:24	SMC	EET MID

Client Sample ID: CW-027-02.0-NA-P
Lab Sample ID: 880-26926-89
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/14/23 01:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 11:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50830	04/11/23 13:00	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50959	04/12/23 13:33	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 18:28	SMC	EET MID

Client Sample ID: CW-028-02.0-NA-P
Lab Sample ID: 880-26926-90
Date Collected: 04/03/23 00:00 **Matrix: Solid**
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/14/23 02:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 11:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50830	04/11/23 13:00	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50959	04/12/23 13:56	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 18:33	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Client Sample ID: CW-029-02.0-NA-P

Lab Sample ID: 880-26926-91
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/14/23 03:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 11:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50830	04/11/23 13:00	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50959	04/12/23 14:18	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50785	04/10/23 09:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51100	04/13/23 18:37	SMC	EET MID

Client Sample ID: CW-030-02.0-NA-P

Lab Sample ID: 880-26926-92
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/14/23 03:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 11:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50830	04/11/23 13:00	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50959	04/12/23 14:41	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50787	04/10/23 09:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51052	04/13/23 10:38	SMC	EET MID

Client Sample ID: CW-032-02.0-NA-P

Lab Sample ID: 880-26926-93
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/14/23 04:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 11:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50830	04/11/23 13:00	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50959	04/12/23 15:04	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50787	04/10/23 09:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51052	04/13/23 10:53	SMC	EET MID

Client Sample ID: CW-31-02.0-NA-P

Lab Sample ID: 880-26926-95
Matrix: Solid
Date Collected: 04/03/23 00:00
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/14/23 04:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Client Sample ID: CW-31-02.0-NA-P
Lab Sample ID: 880-26926-95
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50876	04/13/23 11:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50830	04/11/23 13:00	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50959	04/12/23 16:23	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50787	04/10/23 09:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51052	04/13/23 10:57	SMC	EET MID

Client Sample ID: CF-344-04.0-NA-P
Lab Sample ID: 880-26926-96
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/14/23 04:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 11:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50830	04/11/23 13:00	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50959	04/12/23 16:55	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50787	04/10/23 09:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51052	04/13/23 11:02	SMC	EET MID

Client Sample ID: CF-261-00.3-NA-P
Lab Sample ID: 880-26926-97
Date Collected: 04/03/23 00:00
Matrix: Solid
Date Received: 04/07/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50840	04/10/23 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51017	04/14/23 05:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51079	04/17/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			50876	04/13/23 11:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50830	04/11/23 13:00	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50959	04/12/23 17:40	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50787	04/10/23 09:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51052	04/13/23 11:07	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Trinity Oilfield Services & Rentals, LLC Job ID: 880-26926-1
Project/Site: 7520 Crazy Horse CTB

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

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: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26926-1	CF-262-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-2	CF-263-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-3	CF-264-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-4	CF-267-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-5	CF-268-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-6	CF-269-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-7	CF-270-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-8	CF-271-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-9	CF-272-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-10	CF-273-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-11	CF-274-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-12	CF-275-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-13	CF-276-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-14	CF-278-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-15	CF-279-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-16	CF-280-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-17	CF-281-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-18	CF-282-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-19	CF-283-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-20	CF-284-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-21	CF-285-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-22	CF-286-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-23	CF-287-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-24	CF-288-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-25	CF-289-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-26	CF-290-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-27	CF-291-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-28	CF-292-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-29	CF-293-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-30	CF-294-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-31	CF-295-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-32	CF-296-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-33	CF-297-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-34	CF-298-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-35	CF-299-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-36	CF-300-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-37	CF-301-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-38	CF-302-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-39	CF-303-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-40	CF-304-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-41	CF-305-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-42	CF-306-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-43	CF-307-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-44	CF-308-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-45	CF-309-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-46	CF-310-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-47	CF-311-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-48	CF-312-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-49	CF-313-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-50	CF-314-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-51	CF-315-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-52	CF-316-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-53	CF-317-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-54	CF-318-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30

Sample Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-26926-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26926-55	CF-319-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-56	CF-320-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-57	CF-321-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-58	CF-322-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-59	CF-323-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-60	CF-324-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-61	CF-325-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-62	CF-326-00.3-NA-S	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-63	CW-001-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-64	CW-002-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-65	CW-003-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-66	CW-004-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-67	CW-005-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-68	CW-006-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-69	CW-007-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-70	CW-008-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-71	CW-009-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-72	CW-010-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-73	CW-011-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-74	CW-012-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-75	CW-013-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-76	CW-014-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-77	CW-015-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-78	CW-016-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-79	CW-017-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-80	CW-018-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-81	CW-019-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-82	CW-020-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-83	CW-021-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-84	CW-022-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-85	CW-023-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-86	CW-024-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-87	CW-025-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-88	CW-026-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-89	CW-027-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-90	CW-028-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-91	CW-029-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-92	CW-030-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-93	CW-032-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-95	CW-31-02.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-96	CF-344-04.0-NA-P	Solid	04/03/23 00:00	04/07/23 10:30
880-26926-97	CF-261-00.3-NA-P	Solid	04/03/23 00:00	04/07/23 10:30

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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, Carlsbad, NM (575) 988-3199

Work Order No: 26926

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date:	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	Pres. Code
Samples Received Intact:	Yes No	Thermometer ID:	IR6	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.3	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	1.5	
Total Containers:		Corrected Temperature:	1.2	

ANALYSIS REQUEST

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2S0_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-262-00 3-NA-P	Soil	4/3/2023			C	1	X	X	X	402
CF-263-00 3-NA-P	Soil	4/3/2023			C	1	X	X	X	
CF-264-00.3-NA-P	Soil	4/3/2023			C	1	X	X	X	
~~CF-265-00 3-NA-P~~ RSS	~~Soil~~	~~4/3/2023~~			~~C~~	~~1~~	~~X~~	~~X~~	~~X~~	
CF-267-00.3-NA-P	Soil	4/3/2023			C	1	X	X	X	
CF-268-00 3-NA-P	Soil	4/3/2023			C	1	X	X	X	
CF-269-00 3-NA-P	Soil	4/3/2023			C	1	X	X	X	
CF-270-00 3-NA-P	Soil	4/3/2023			C	1	X	X	X	
CF-271-00 3-NA-P	Soil	4/3/2023			C	1	X	X	X	
CF-272-00 3-NA-P	Soil	4/3/2023			C	1	X	X	X	

880-26926 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

Notice. Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4/6 8:37	2		4/7/23 1030
3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

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Received by OCD: 2/28/2024 4:14:15 PM

Released to Imaging: 3/4/2024 11:19:30 AM

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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, Carlsbad, NM (575) 988-3199

Work Order No: 269126

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery.Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co , NM	Due Date:	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-273-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-274-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-275-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-276-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
~~CF-277-00 3-NA-P~~ RJS	~~Soil~~	~~4/3/2023~~			~~C~~	~~1~~		~~X~~	~~X~~	~~X~~	
CF-278-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-279-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-280-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-281-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-282-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/6 8:37	2		4/7/23 1030
3			4		
5			6		

Revised Date: 08/25/2020 Rev 2020.2

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 269260

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403 Email		Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	☐ Routine ☐ Rush
Project Number:	7520	Due Date:	
Project Location:	Eddy Co , NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	KA		
PO #:			

Work Order Comments

Program: UST/PST ☐ RRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None NO | DI Water H_2O
Cool Cool | MeOH Me
HCL HC | HNO_3 HN
H_2S0_4 H_2 | NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-283-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-284-00.3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-285-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-286-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-287-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-288-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-289-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-290-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-291-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-292-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	

Total 200.7 / 6010 **200.8 / 6020:** 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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	Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1			4/6 8:37	2		4/7/23 1050
3				4		
5				6		

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 26926

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co , NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank.	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-293-00.3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-294-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-295-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-296-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-297-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-298-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-299-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-300-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-301-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-302-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	

Total 200.7 / 6010 **200.8 / 6020:** 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		8/4/6 8:37	2		4/7/23 1030
3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

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Chain of Custody

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Midland, TX (432) 704-5440 San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 26926

www.xenco.com Page 5 of 10

Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403 Email:		Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	Pres. Code
Project Location	Eddy Co , NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4 30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading	
Total Containers:			Corrected Temperature:	

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

ANALYSIS REQUEST

Preservative Codes

None. NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3. HN
H_2S0_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-303-00 3-NA-S	Soil	4/3/2023			C	1	X	X	X	
CF-304-00 3-NA-S	Soil	4/3/2023			C	1	X	X	X	
CF-305-00 3-NA-S	Soil	4/3/2023			C	1	X	X	X	
CF-306-00 3-NA-S	Soil	4/3/2023			C	1	X	X	X	
CF-307-00 3-NA-S	Soil	4/3/2023			C	1	X	X	X	
CF-308-00 3-NA-S	Soil	4/3/2023			C	1	X	X	X	
CF-309-00 3-NA-S	Soil	4/3/2023			C	1	X	X	X	
CF-310-00 3-NA-S	Soil	4/3/2023			C	1	X	X	X	
CF-311-00 3-NA-S	Soil	4/3/2023			C	1	X	X	X	
CF-312-00 3-NA-S	Soil	4/3/2023			C	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1			4/6 8:37	2		4/7/23 1030
3				4		
5				6		

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EL Paso TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 26926

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co , NM	Due Date:	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank.	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None. NO | DI Water H_2O
Cool Cool | MeOH Me
HCL. HC | HNO_3. HN
H_2S0_4 H_2 | NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-313-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-314-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-315-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-316-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-317-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-318-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-319-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-320-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-321-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-322-00.3-NA-S	Soil	4/3/2023			C	1		X	X	X	

Total 200.7 / 6010 **200.8 / 6020** 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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5			6		

Revised Date: 08/25/2020 Rev 2020 2

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Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 269926

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location	Eddy Co., NM	Due Date.	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4.30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project.
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-323-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-324-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-325-00.3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CF-326-00 3-NA-S	Soil	4/3/2023			C	1		X	X	X	
CW-001-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-002-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-003-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-004-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-005-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-006-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1		4/6 8:37	2		4/7/23 1030
3			4		
5			6		

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Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 26926

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CW-007-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-008-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-009-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-010-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-011-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-012-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-013-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-014-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-015-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-016-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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5			6		

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Hobbs NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 269926

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project.
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CW-017-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-018-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-019-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-020-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-021-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-022-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-023-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-024-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-025-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-026-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1		4/6 8:37	2		4/7/23
3			4		1030
5			6		

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Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 26926

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ RRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None NO | DI Water H_2O
Cool Cool | MeOH Me
HCL. HC | HNO_3. HN
H_2S0_4. H_2 | NaOH Na
H_3PO_4. HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CW-027-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-028-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-029-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-030-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-032-02 0-NA-P	Soil	4/3/2023			C	1		X	X	X	
CF-266-00 3-NA-P	Soil	4/3/2023			C	1		X	X	X	
CW-31-02.0-NA-P	Soil	4-3-2023			C	1		X	X	X	
SF-344-040-NA-P	Soil	4-3-2023			C	1		X	X	X	
CF-261-00 3-NA-P	Soil	4-3-2023			C	1		X	X	X	

Loc: 880
26926

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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3				4		1030
5				6		

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Login Sample Receipt Checklist

Client: Trinity Oilfield Services & Rentals, LLC

Job Number: 880-26926-1
SDG Number:

Login Number: 26926
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Dan Dunkelberg
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, New Mexico 88241

Generated 4/24/2023 1:40:22 PM

JOB DESCRIPTION

7520 Crazy Horse CTB
SDG NUMBER Eddy Co., NM

JOB NUMBER

880-27134-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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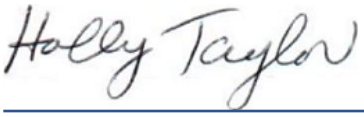
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

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Definitions/Glossary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Definitions/Glossary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Job ID: 880-27134-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-27134-1

Receipt
The samples were received on 4/13/2023 11:00 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 0.7°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CF-327-00.3-NA-S (880-27134-1), CF-328-00.3-NA-S (880-27134-2), CF-329-04.0-NA-S (880-27134-3), CF-330-04.0-NA-S (880-27134-4), CF-331-04.0-NA-S (880-27134-5), CF-332-04.0-NA-S (880-27134-6), CF-333-04.0-NA-S (880-27134-7), CF-334-04.0-NA-S (880-27134-8), CF-335-04.0-NA-S (880-27134-9), CF-336-04.0-NA-S (880-27134-10), CF-337-04.0-NA-S (880-27134-11), CF-338-04.0-NA-S (880-27134-12), CF-339-04.0-NA-S (880-27134-13), CF-340-04.0-NA-S (880-27134-14), CF-341-04.0-NA-S (880-27134-15), CF-342-04.0-NA-S (880-27134-16), CF-343-04.0-NA-S (880-27134-17), CF-345-04.0-NA-S (880-27134-18), CF-346-04.0-NA-S (880-27134-19), CF-347-00.3-NA-S (880-27134-20), CF-348-00.3-NA-S (880-27134-21), CF-349-00.3-NA-S (880-27134-22), CF-350-00.3-NA-S (880-27134-23), CF-351-00.3-NA-S (880-27134-24), CF-352-00.3-NA-S (880-27134-25), CF-353-04.0-NA-S (880-27134-26), CF-354-04.0-NA-S (880-27134-27), CF-355-04.0-NA-S (880-27134-28), CF-356-04.0-NA-S (880-27134-29), CF-357-04.0-NA-S (880-27134-30), CF-358-04.0-NA-S (880-27134-31), CF-359-04.0-NA-S (880-27134-32), CF-360-04.0-NA-S (880-27134-33), CF-361-04.0-NA-S (880-27134-34), CF-362-04.0-NA-S (880-27134-35), CF-363-04.0-NA-S (880-27134-36), CF-364-04.0-NA-S (880-27134-37), CF-365-04.0-NA-S (880-27134-38), CF-366-04.0-NA-S (880-27134-39), CF-367-04.0-NA-S (880-27134-40), CF-368-04.0-NA-S (880-27134-41), CF-369-04.0-NA-S (880-27134-42), CF-370-00.3-NA-S (880-27134-43), CF-371-00.3-NA-S (880-27134-44), CF-372-00.3-NA-S (880-27134-45), CF-373-00.3-NA-S (880-27134-46), CF-374-00.3-NA-S (880-27134-47), CF-375-00.3-NA-S (880-27134-48), CF-376-00.3-NA-S (880-27134-49), CF-377-00.3-NA-S (880-27134-50), CF-378-00.3-NA-S (880-27134-51), CF-379-00.3-NA-S (880-27134-52), CF-380-00.3-NA-S (880-27134-53), CF-381-00.3-NA-S (880-27134-54), CF-382-00.3-NA-S (880-27134-55), CF-383-00.3-NA-S (880-27134-56), CF-384-00.3-NA-S (880-27134-57), CF-385-00.3-NA-S (880-27134-58), CF-386-00.3-NA-S (880-27134-59), CF-387-00.3-NA-S (880-27134-60), CF-388-00.3-NA-S (880-27134-61), CF-389-00.3-NA-S (880-27134-62), CF-390-00.3-NA-S (880-27134-63), CF-391-00.3-NA-S (880-27134-64), CF-392-00.3-NA-S (880-27134-65), CF-393-00.3-NA-S (880-27134-66), CF-394-00.3-NA-S (880-27134-67), CF-395-00.3-NA-S (880-27134-68), CF-396-00.3-NA-S (880-27134-69), CF-397-00.3-NA-S (880-27134-70), CF-398-00.3-NA-S (880-27134-71), CF-399-00.3-NA-S (880-27134-72), CF-400-00.3-NA-S (880-27134-73), CF-401-04.0-NA-S (880-27134-74), CF-402-00.3-NA-S (880-27134-75), CF-403-00.3-NA-S (880-27134-76), CF-404-00.3-NA-S (880-27134-77), CF-405-00.3-NA-S (880-27134-78), CF-406-00.3-NA-S (880-27134-79), CF-407-00.3-NA-S (880-27134-80), CF-408-00.3-NA-S (880-27134-81), CF-409-00.3-NA-S (880-27134-82), CF-410-00.3-NA-S (880-27134-83), CF-411-00.3-NA-S (880-27134-84), CF-412-00.3-NA-S (880-27134-85), CF-413-00.3-NA-S (880-27134-86), CF-414-00.3-NA-S (880-27134-87), CF-415-00.3-NA-S (880-27134-88), CF-416-00.3-NA-S (880-27134-89), CF-417-00.3-NA-S (880-27134-90), CF-418-00.3-NA-S (880-27134-91), CF-419-00.3-NA-S (880-27134-92), CF-420-00.3-NA-S (880-27134-93), CF-421-00.3-NA-S (880-27134-94), CF-422-00.3-NA-S (880-27134-95), CF-423-00.3-NA-S (880-27134-96), CF-424-00.3-NA-S (880-27134-97), CF-425-00.3-NA-S (880-27134-98), CF-426-00.3-NA-S (880-27134-99), CF-427-00.3-NA-S (880-27134-100), CF-428-00.3-NA-S (880-27134-101), CF-429-00.3-NA-S (880-27134-102), CF-430-00.3-NA-S (880-27134-103), CF-431-00.3-NA-S (880-27134-104), CF-432-00.3-NA-S (880-27134-105), CF-433-00.3-NA-S (880-27134-106), CF-434-00.3-NA-S (880-27134-107), CF-435-00.3-NA-S (880-27134-108), CF-436-00.3-NA-S (880-27134-109), CF-437-00.3-NA-S (880-27134-110), CF-438-00.3-NA-S (880-27134-111), CF-439-00.3-NA-S (880-27134-112), CF-440-00.3-NA-S (880-27134-113), CF-441-00.3-NA-S (880-27134-114), CF-442-00.3-NA-S (880-27134-115), CF-443-00.3-NA-S (880-27134-116), CW-033-02.0-NA-S (880-27134-117), CW-034-02.0-NA-S (880-27134-118), CW-035-02.0-NA-S (880-27134-119), CF-277-00.3-NA-S (880-27134-120), CF-265-00.3-NA-S (880-27134-121) and CF-266-00.3-NA-P (880-27134-122).

The following samples were submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): CF-327-00.3-NA-S (880-27134-1), CF-328-00.3-NA-S (880-27134-2), CF-329-04.0-NA-S (880-27134-3), CF-330-04.0-NA-S (880-27134-4), CF-331-04.0-NA-S (880-27134-5), CF-332-04.0-NA-S (880-27134-6), CF-333-04.0-NA-S (880-27134-7), CF-334-04.0-NA-S (880-27134-8), CF-335-04.0-NA-S (880-27134-9), CF-336-04.0-NA-S (880-27134-10), CF-337-04.0-NA-S (880-27134-11), CF-338-04.0-NA-S (880-27134-12), CF-339-04.0-NA-S (880-27134-13), CF-340-04.0-NA-S (880-27134-14), CF-341-04.0-NA-S (880-27134-15), CF-342-04.0-NA-S (880-27134-16), CF-343-04.0-NA-S (880-27134-17), CF-345-04.0-NA-S (880-27134-18), CF-346-04.0-NA-S (880-27134-19), CF-347-00.3-NA-S (880-27134-20), CF-348-00.3-NA-S (880-27134-21), CF-349-00.3-NA-S (880-27134-22), CF-350-00.3-NA-S (880-27134-23), CF-351-00.3-NA-S (880-27134-24), CF-352-00.3-NA-S (880-27134-25), CF-353-04.0-NA-S (880-27134-26), CF-354-04.0-NA-S (880-27134-27), CF-355-04.0-NA-S (880-27134-28), CF-356-04.0-NA-S (880-27134-29), CF-357-04.0-NA-S (880-27134-30), CF-358-04.0-NA-S (880-27134-31), CF-359-04.0-NA-S (880-27134-32),

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Laboratory: Eurofins Midland (Continued)

CF-360-04.0-NA-S (880-27134-33), CF-361-04.0-NA-S (880-27134-34), CF-362-04.0-NA-S (880-27134-35), CF-363-04.0-NA-S (880-27134-36), CF-364-04.0-NA-S (880-27134-37), CF-365-04.0-NA-S (880-27134-38), CF-366-04.0-NA-S (880-27134-39), CF-367-04.0-NA-S (880-27134-40), CF-368-04.0-NA-S (880-27134-41), CF-369-04.0-NA-S (880-27134-42), CF-370-00.3-NA-S (880-27134-43), CF-371-00.3-NA-S (880-27134-44), CF-372-00.3-NA-S (880-27134-45), CF-373-00.3-NA-S (880-27134-46), CF-374-00.3-NA-S (880-27134-47), CF-375-00.3-NA-S (880-27134-48), CF-376-00.3-NA-S (880-27134-49), CF-377-00.3-NA-S (880-27134-50), CF-378-00.3-NA-S (880-27134-51), CF-379-00.3-NA-S (880-27134-52), CF-380-00.3-NA-S (880-27134-53), CF-381-00.3-NA-S (880-27134-54), CF-382-00.3-NA-S (880-27134-55), CF-383-00.3-NA-S (880-27134-56), CF-384-00.3-NA-S (880-27134-57), CF-385-00.3-NA-S (880-27134-58), CF-386-00.3-NA-S (880-27134-59), CF-387-00.3-NA-S (880-27134-60), CF-388-00.3-NA-S (880-27134-61), CF-389-00.3-NA-S (880-27134-62), CF-390-00.3-NA-S (880-27134-63), CF-391-00.3-NA-S (880-27134-64), CF-392-00.3-NA-S (880-27134-65), CF-393-00.3-NA-S (880-27134-66), CF-394-00.3-NA-S (880-27134-67), CF-395-00.3-NA-S (880-27134-68), CF-396-00.3-NA-S (880-27134-69), CF-397-00.3-NA-S (880-27134-70), CF-398-00.3-NA-S (880-27134-71), CF-399-00.3-NA-S (880-27134-72), CF-400-00.3-NA-S (880-27134-73), CF-401-04.0-NA-S (880-27134-74), CF-402-00.3-NA-S (880-27134-75), CF-403-00.3-NA-S (880-27134-76), CF-404-00.3-NA-S (880-27134-77), CF-405-00.3-NA-S (880-27134-78), CF-406-00.3-NA-S (880-27134-79), CF-407-00.3-NA-S (880-27134-80), CF-408-00.3-NA-S (880-27134-81), CF-409-00.3-NA-S (880-27134-82), CF-410-00.3-NA-S (880-27134-83), CF-411-00.3-NA-S (880-27134-84), CF-412-00.3-NA-S (880-27134-85), CF-413-00.3-NA-S (880-27134-86), CF-414-00.3-NA-S (880-27134-87), CF-415-00.3-NA-S (880-27134-88), CF-416-00.3-NA-S (880-27134-89), CF-417-00.3-NA-S (880-27134-90), CF-418-00.3-NA-S (880-27134-91), CF-419-00.3-NA-S (880-27134-92), CF-420-00.3-NA-S (880-27134-93), CF-421-00.3-NA-S (880-27134-94), CF-422-00.3-NA-S (880-27134-95), CF-423-00.3-NA-S (880-27134-96), CF-424-00.3-NA-S (880-27134-97), CF-425-00.3-NA-S (880-27134-98), CF-426-00.3-NA-S (880-27134-99), CF-427-00.3-NA-S (880-27134-100), CF-428-00.3-NA-S (880-27134-101), CF-429-00.3-NA-S (880-27134-102), CF-430-00.3-NA-S (880-27134-103), CF-431-00.3-NA-S (880-27134-104), CF-432-00.3-NA-S (880-27134-105), CF-433-00.3-NA-S (880-27134-106), CF-434-00.3-NA-S (880-27134-107), CF-435-00.3-NA-S (880-27134-108), CF-436-00.3-NA-S (880-27134-109), CF-437-00.3-NA-S (880-27134-110), CF-438-00.3-NA-S (880-27134-111), CF-439-00.3-NA-S (880-27134-112), CF-440-00.3-NA-S (880-27134-113), CF-441-00.3-NA-S (880-27134-114), CF-442-00.3-NA-S (880-27134-115), CF-443-00.3-NA-S (880-27134-116), CW-033-02.0-NA-S (880-27134-117), CW-034-02.0-NA-S (880-27134-118), CW-035-02.0-NA-S (880-27134-119), CF-277-00.3-NA-S (880-27134-120), CF-265-00.3-NA-S (880-27134-121) and CF-266-00.3-NA-P (880-27134-122). Dan Dunkelberg was contacted about this sample and he instructed the lab to add the sample and analyze it.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51074 and analytical batch 880-51137 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51077 and analytical batch 880-51138 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-370-00.3-NA-S (880-27134-43), CF-371-00.3-NA-S (880-27134-44), CF-377-00.3-NA-S (880-27134-50) and CF-383-00.3-NA-S (880-27134-56). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-50838/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-51137 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51076 and analytical batch 880-51140 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CF-328-00.3-NA-S (880-27134-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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Laboratory: Eurofins Midland (Continued)

Method 8021B: Surrogate recovery for the following sample was outside control limits: CF-336-04.0-NA-S (880-27134-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CF-342-04.0-NA-S (880-27134-16). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-345-04.0-NA-S (880-27134-18) and CF-346-04.0-NA-S (880-27134-19). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CF-348-00.3-NA-S (880-27134-21). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-350-00.3-NA-S (880-27134-23), CF-351-00.3-NA-S (880-27134-24), CF-352-00.3-NA-S (880-27134-25), CF-353-04.0-NA-S (880-27134-26) and CF-354-04.0-NA-S (880-27134-27). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-356-04.0-NA-S (880-27134-29) and CF-357-04.0-NA-S (880-27134-30). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-359-04.0-NA-S (880-27134-32) and CF-361-04.0-NA-S (880-27134-34). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CF-365-04.0-NA-S (880-27134-38). 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 and precision for preparation batch 880-51074 and analytical batch 880-51137 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-51078 and analytical batch 880-51274 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-51295 recovered above the upper control limit for Toluene, Ethylbenzene, m,p-Xylenes, o-Xylene and 4-Bromofluorobenzene (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-51295 recovered above the upper control limit for m,p-Xylenes and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-27134-A-121-D MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-51274 recovered above the upper control limit for Benzene, Toluene, Ethylbenzene, m,p-Xylenes and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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Laboratory: Eurofins Midland (Continued)

Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-437-00.3-NA-S (880-27134-110), CF-438-00.3-NA-S (880-27134-111), CF-439-00.3-NA-S (880-27134-112), CF-440-00.3-NA-S (880-27134-113), CF-441-00.3-NA-S (880-27134-114), CF-442-00.3-NA-S (880-27134-115), CF-443-00.3-NA-S (880-27134-116), CW-033-02.0-NA-S (880-27134-117), CW-034-02.0-NA-S (880-27134-118), CW-035-02.0-NA-S (880-27134-119) and CF-277-00.3-NA-S (880-27134-120). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCS 880-51109/1-A). Evidence of matrix interferences is not obvious.

Method 8021B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 880-51109 and analytical batch 880-51295 recovered outside control limits for the following analytes: m,p-Xylenes, o-Xylene and Xylenes, Total. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-51109 and analytical batch 880-51295 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCSD 880-51078/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-27134-A-101-B MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CF-428-00.3-NA-S (880-27134-101), CF-429-00.3-NA-S (880-27134-102), CF-430-00.3-NA-S (880-27134-103), CF-431-00.3-NA-S (880-27134-104), CF-432-00.3-NA-S (880-27134-105), CF-433-00.3-NA-S (880-27134-106), CF-434-00.3-NA-S (880-27134-107), CF-435-00.3-NA-S (880-27134-108) and CF-436-00.3-NA-S (880-27134-109). 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: Surrogate recovery for the following samples were outside control limits: CF-349-00.3-NA-S (880-27134-22), CF-351-00.3-NA-S (880-27134-24), CF-352-00.3-NA-S (880-27134-25), CF-353-04.0-NA-S (880-27134-26), CF-354-04.0-NA-S (880-27134-27), CF-355-04.0-NA-S (880-27134-28), CF-356-04.0-NA-S (880-27134-29) and CF-357-04.0-NA-S (880-27134-30). 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: CF-358-04.0-NA-S (880-27134-31), CF-359-04.0-NA-S (880-27134-32), CF-360-04.0-NA-S (880-27134-33), CF-361-04.0-NA-S (880-27134-34) and CF-362-04.0-NA-S (880-27134-35). 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: CF-364-04.0-NA-S (880-27134-37), CF-365-04.0-NA-S (880-27134-38) and CF-366-04.0-NA-S (880-27134-39). 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: CF-369-04.0-NA-S (880-27134-42), (880-27134-A-41-H MS) and (880-27134-A-41-I MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CF-371-00.3-NA-S (880-27134-44), CF-372-00.3-NA-S (880-27134-45), CF-373-00.3-NA-S (880-27134-46), CF-375-00.3-NA-S (880-27134-48), CF-376-00.3-NA-S (880-27134-49) and CF-377-00.3-NA-S (880-27134-50). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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SDG: Eddy Co., NM

Job ID: 880-27134-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CF-378-00.3-NA-S (880-27134-51), CF-379-00.3-NA-S (880-27134-52), CF-380-00.3-NA-S (880-27134-53), CF-381-00.3-NA-S (880-27134-54), CF-382-00.3-NA-S (880-27134-55), CF-383-00.3-NA-S (880-27134-56), CF-384-00.3-NA-S (880-27134-57), CF-385-00.3-NA-S (880-27134-58), CF-386-00.3-NA-S (880-27134-59) and CF-387-00.3-NA-S (880-27134-60). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-51141 and analytical batch 880-51131 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CF-266-00.3-NA-P (880-27134-122). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-51131/31). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-51171 and analytical batch 880-51131 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-27134-A-61-H MS) and (880-27134-A-61-I MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CF-395-00.3-NA-S (880-27134-68). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-51245 and analytical batch 880-51239 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CF-400-00.3-NA-S (880-27134-73), CF-401-04.0-NA-S (880-27134-74), (880-27134-A-71-G MS) and (880-27134-A-71-H MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CF-403-00.3-NA-S (880-27134-76), CF-404-00.3-NA-S (880-27134-77) and CF-405-00.3-NA-S (880-27134-78). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-51239/5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-51245 and analytical batch 880-51239 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CF-343-04.0-NA-S (880-27134-17). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CF-347-00.3-NA-S (880-27134-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-51184 and analytical batch 880-51129 was outside the upper control limits.

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Job ID: 880-27134-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-51184/2-A) and (LCSD 880-51184/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-51129 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-51129/20).

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-51186 and analytical batch 880-51237 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-51237/5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CF-435-00.3-NA-S (880-27134-108). 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: CF-441-00.3-NA-S (880-27134-114), CW-035-02.0-NA-S (880-27134-119) and CF-277-00.3-NA-S (880-27134-120). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-51237/31). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-51186 and analytical batch 880-51237 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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: New analyst prepared LCS at 200ppm.(LCS 880-51097/2-A) and (LCSD 880-51097/3-A)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51097 and analytical batch 880-51422 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.CF-265-00.3-NA-S (880-27134-121), CF-266-00.3-NA-P (880-27134-122), (880-27134-A-121-B MS) and (880-27134-A-121-C MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51093 and analytical batch 880-51769 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.CF-388-00.3-NA-S (880-27134-61), CF-389-00.3-NA-S (880-27134-62), CF-390-00.3-NA-S (880-27134-63), CF-391-00.3-NA-S (880-27134-64), CF-392-00.3-NA-S (880-27134-65), CF-393-00.3-NA-S (880-27134-66), CF-394-00.3-NA-S (880-27134-67), CF-395-00.3-NA-S (880-27134-68), CF-396-00.3-NA-S (880-27134-69), CF-397-00.3-NA-S (880-27134-70), (880-27134-A-61-E MS) and (880-27134-A-61-F MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51093 and analytical batch 880-51769 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.CF-398-00.3-NA-S (880-27134-71), CF-399-00.3-NA-S (880-27134-72), CF-400-00.3-NA-S (880-27134-73), CF-401-04.0-NA-S (880-27134-74), CF-402-00.3-NA-S (880-27134-75), CF-403-00.3-NA-S (880-27134-76), CF-404-00.3-NA-S (880-27134-77), CF-405-00.3-NA-S (880-27134-78), CF-406-00.3-NA-S (880-27134-79), CF-407-00.3-NA-S (880-27134-80), (880-27134-A-71-C MS) and (880-27134-A-71-D MSD)

Case Narrative

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Job ID: 880-27134-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51092 and 880-51092 and analytical batch 880-51768 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: CF-378-00.3-NA-S (880-27134-51), CF-379-00.3-NA-S (880-27134-52), CF-380-00.3-NA-S (880-27134-53), CF-381-00.3-NA-S (880-27134-54), CF-382-00.3-NA-S (880-27134-55), CF-383-00.3-NA-S (880-27134-56), CF-384-00.3-NA-S (880-27134-57), CF-385-00.3-NA-S (880-27134-58), CF-386-00.3-NA-S (880-27134-59), CF-387-00.3-NA-S (880-27134-60), (880-27134-A-51-C MS) and (880-27134-A-51-D MSD).

Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 880-51766 contained Chloride above the reporting limit (RL). All reported samples associated with this CCB contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51091 and 880-51091 and analytical batch 880-51766 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: CF-348-00.3-NA-S (880-27134-21), CF-349-00.3-NA-S (880-27134-22), CF-350-00.3-NA-S (880-27134-23), CF-351-00.3-NA-S (880-27134-24), CF-352-00.3-NA-S (880-27134-25), CF-353-04.0-NA-S (880-27134-26), CF-354-04.0-NA-S (880-27134-27), CF-355-04.0-NA-S (880-27134-28), CF-356-04.0-NA-S (880-27134-29), CF-357-04.0-NA-S (880-27134-30), (880-27134-A-21-E MS) and (880-27134-A-21-F MSD).

Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 880-51772 contained Chloride above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.CF-408-00.3-NA-S (880-27134-81), CF-409-00.3-NA-S (880-27134-82), CF-410-00.3-NA-S (880-27134-83), CF-411-00.3-NA-S (880-27134-84), CF-412-00.3-NA-S (880-27134-85), CF-413-00.3-NA-S (880-27134-86), CF-414-00.3-NA-S (880-27134-87), CF-415-00.3-NA-S (880-27134-88), CF-416-00.3-NA-S (880-27134-89), CF-417-00.3-NA-S (880-27134-90), CF-418-00.3-NA-S (880-27134-91), CF-419-00.3-NA-S (880-27134-92), CF-420-00.3-NA-S (880-27134-93), CF-421-00.3-NA-S (880-27134-94), CF-422-00.3-NA-S (880-27134-95), CF-423-00.3-NA-S (880-27134-96), CF-424-00.3-NA-S (880-27134-97), CF-425-00.3-NA-S (880-27134-98), CF-426-00.3-NA-S (880-27134-99), CF-427-00.3-NA-S (880-27134-100), (CCB 880-51772/2), (CCB 880-51772/26), (CCB 880-51772/35), (880-27134-A-81-E MS), (880-27134-A-81-F MSD), (880-27134-A-91-C MS) and (880-27134-A-91-D MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51095 and 880-51095 and analytical batch 880-51773 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: CF-438-00.3-NA-S (880-27134-111), CF-439-00.3-NA-S (880-27134-112), CF-440-00.3-NA-S (880-27134-113), CF-441-00.3-NA-S (880-27134-114), CF-442-00.3-NA-S (880-27134-115), CF-443-00.3-NA-S (880-27134-116), CW-033-02.0-NA-S (880-27134-117), CW-034-02.0-NA-S (880-27134-118), CW-035-02.0-NA-S (880-27134-119), CF-277-00.3-NA-S (880-27134-120), (880-27134-A-111-C MS) and (880-27134-A-111-D MSD).

Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 880-51773 contained Chloride above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.CF-428-00.3-NA-S (880-27134-101), CF-429-00.3-NA-S (880-27134-102), CF-430-00.3-NA-S (880-27134-103), CF-431-00.3-NA-S (880-27134-104), CF-432-00.3-NA-S (880-27134-105), CF-433-00.3-NA-S (880-27134-106), CF-434-00.3-NA-S (880-27134-107), CF-435-00.3-NA-S (880-27134-108), CF-436-00.3-NA-S (880-27134-109), CF-437-00.3-NA-S (880-27134-110), CF-438-00.3-NA-S (880-27134-111), CF-439-00.3-NA-S (880-27134-112), CF-440-00.3-NA-S (880-27134-113), CF-441-00.3-NA-S (880-27134-114), CF-442-00.3-NA-S (880-27134-115), CF-443-00.3-NA-S (880-27134-116), CW-033-02.0-NA-S (880-27134-117), CW-034-02.0-NA-S (880-27134-118), CW-035-02.0-NA-S (880-27134-119), CF-277-00.3-NA-S (880-27134-120), (CCB 880-51773/2), (CCB 880-51773/26), (880-27134-A-101-E MS), (880-27134-A-101-F MSD), (880-27134-A-111-C MS) and (880-27134-A-111-D MSD)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-327-00.3-NA-S

Lab Sample ID: 880-27134-1
Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 01:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 01:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 01:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 01:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 01:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/13/23 12:35*	*04/15/23 01:55*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/13/23 12:35*	*04/15/23 01:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 11:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 11:42	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/13/23 16:25*	*04/14/23 11:42*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/13/23 16:25*	*04/14/23 11:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**68.7**		5.02		mg/Kg			04/21/23 15:32	1

Client Sample ID: CF-328-00.3-NA-S

Lab Sample ID: 880-27134-2
Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 02:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 02:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 02:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 02:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 02:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*04/13/23 12:35*	*04/15/23 02:21*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/13/23 12:35*	*04/15/23 02:21*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-328-00.3-NA-S

Lab Sample ID: 880-27134-2
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 12:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 12:48	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/13/23 16:25*	*04/14/23 12:48*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/13/23 16:25*	*04/14/23 12:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.0**		4.98		mg/Kg			04/21/23 15:59	1

Client Sample ID: CF-329-04.0-NA-S

Lab Sample ID: 880-27134-3
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 02:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 02:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 02:48	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:35	04/15/23 02:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 02:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:35	04/15/23 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/13/23 12:35*	*04/15/23 02:48*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/13/23 12:35*	*04/15/23 02:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 13:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 13:10	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-329-04.0-NA-S

Lab Sample ID: 880-27134-3
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/13/23 16:25*	*04/14/23 13:10*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/13/23 16:25*	*04/14/23 13:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.6**		4.96		mg/Kg			04/21/23 16:04	1

Client Sample ID: CF-330-04.0-NA-S

Lab Sample ID: 880-27134-4
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 03:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 03:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 03:14	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:35	04/15/23 03:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 03:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:35	04/15/23 03:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/13/23 12:35*	*04/15/23 03:14*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/13/23 12:35*	*04/15/23 03:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 13:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 13:32	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/13/23 16:25*	*04/14/23 13:32*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/13/23 16:25*	*04/14/23 13:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		5.02		mg/Kg			04/21/23 16:08	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-331-04.0-NA-S

Lab Sample ID: 880-27134-5
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:35	04/15/23 03:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:35	04/15/23 03:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:35	04/15/23 03:41	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/13/23 12:35	04/15/23 03:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:35	04/15/23 03:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/13/23 12:35	04/15/23 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/13/23 12:35*	*04/15/23 03:41*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/13/23 12:35*	*04/15/23 03:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 14:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 14:08	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*04/13/23 16:25*	*04/14/23 14:08*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/13/23 16:25*	*04/14/23 14:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.6**		5.03		mg/Kg			04/21/23 16:13	1

Client Sample ID: CF-332-04.0-NA-S

Lab Sample ID: 880-27134-6
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 04:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 04:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 04:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 04:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 04:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/13/23 12:35*	*04/15/23 04:07*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/13/23 12:35*	*04/15/23 04:07*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-332-04.0-NA-S

Lab Sample ID: 880-27134-6
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 14:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 14:30	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*04/13/23 16:25*	*04/14/23 14:30*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*04/13/23 16:25*	*04/14/23 14:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		4.96		mg/Kg			04/21/23 16:27	1

Client Sample ID: CF-333-04.0-NA-S

Lab Sample ID: 880-27134-7
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 04:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 04:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 04:34	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:35	04/15/23 04:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 04:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:35	04/15/23 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/13/23 12:35*	*04/15/23 04:34*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/13/23 12:35*	*04/15/23 04:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 14:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 14:52	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-333-04.0-NA-S

Lab Sample ID: 880-27134-7
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*04/13/23 16:25*	*04/14/23 14:52*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*04/13/23 16:25*	*04/14/23 14:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		4.97		mg/Kg			04/21/23 16:31	1

Client Sample ID: CF-334-04.0-NA-S

Lab Sample ID: 880-27134-8
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:35	04/15/23 05:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:35	04/15/23 05:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:35	04/15/23 05:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:35	04/15/23 05:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:35	04/15/23 05:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:35	04/15/23 05:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*04/13/23 12:35*	*04/15/23 05:01*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/13/23 12:35*	*04/15/23 05:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 15:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 15:14	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*04/13/23 16:25*	*04/14/23 15:14*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/13/23 16:25*	*04/14/23 15:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**166**		4.99		mg/Kg			04/21/23 16:36	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-335-04.0-NA-S

Lab Sample ID: 880-27134-9
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 05:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 05:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 05:27	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:35	04/15/23 05:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 05:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:35	04/15/23 05:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/13/23 12:35*	*04/15/23 05:27*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/13/23 12:35*	*04/15/23 05:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 15:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 15:36	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*04/13/23 16:25*	*04/14/23 15:36*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/13/23 16:25*	*04/14/23 15:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		5.01		mg/Kg			04/21/23 16:40	1

Client Sample ID: CF-336-04.0-NA-S

Lab Sample ID: 880-27134-10
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 05:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 05:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 05:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 05:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 05:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 05:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*04/13/23 12:35*	*04/15/23 05:54*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/13/23 12:35*	*04/15/23 05:54*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-336-04.0-NA-S

Lab Sample ID: 880-27134-10
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 15:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 15:58	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*04/13/23 16:25*	*04/14/23 15:58*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/13/23 16:25*	*04/14/23 15:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.6**		5.03		mg/Kg			04/21/23 16:45	1

Client Sample ID: CF-337-04.0-NA-S

Lab Sample ID: 880-27134-11
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 07:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 07:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 07:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 07:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 07:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 07:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/13/23 12:35*	*04/15/23 07:41*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/13/23 12:35*	*04/15/23 07:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 16:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 16:41	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-337-04.0-NA-S

Lab Sample ID: 880-27134-11
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*04/13/23 16:25*	*04/14/23 16:41*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/13/23 16:25*	*04/14/23 16:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.4**		5.04		mg/Kg			04/21/23 16:54	1

Client Sample ID: CF-338-04.0-NA-S

Lab Sample ID: 880-27134-12
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 08:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 08:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 08:08	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:35	04/15/23 08:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 08:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:35	04/15/23 08:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*04/13/23 12:35*	*04/15/23 08:08*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/13/23 12:35*	*04/15/23 08:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 17:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 17:03	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/13/23 16:25*	*04/14/23 17:03*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*04/13/23 16:25*	*04/14/23 17:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.9**		4.99		mg/Kg			04/21/23 17:08	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-339-04.0-NA-S

Lab Sample ID: 880-27134-13
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:35	04/15/23 08:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:35	04/15/23 08:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:35	04/15/23 08:34	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/13/23 12:35	04/15/23 08:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:35	04/15/23 08:34	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/13/23 12:35	04/15/23 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*04/13/23 12:35*	*04/15/23 08:34*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/13/23 12:35*	*04/15/23 08:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 17:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 17:26	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*121*		*70 - 130*	*04/13/23 16:25*	*04/14/23 17:26*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/13/23 16:25*	*04/14/23 17:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73.7**		4.99		mg/Kg			04/21/23 17:12	1

Client Sample ID: CF-340-04.0-NA-S

Lab Sample ID: 880-27134-14
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 09:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 09:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 09:01	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:35	04/15/23 09:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 09:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:35	04/15/23 09:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*04/13/23 12:35*	*04/15/23 09:01*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/13/23 12:35*	*04/15/23 09:01*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-340-04.0-NA-S

Lab Sample ID: 880-27134-14
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 17:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 17:48	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/13/23 16:25	04/14/23 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*04/13/23 16:25*	*04/14/23 17:48*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*04/13/23 16:25*	*04/14/23 17:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.2**		5.02		mg/Kg			04/21/23 17:26	1

Client Sample ID: CF-341-04.0-NA-S

Lab Sample ID: 880-27134-15
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 09:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 09:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 09:27	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 09:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 09:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 09:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/13/23 12:35*	*04/15/23 09:27*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/13/23 12:35*	*04/15/23 09:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 18:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 18:09	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-341-04.0-NA-S

Lab Sample ID: 880-27134-15
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*04/13/23 16:25*	*04/14/23 18:09*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*04/13/23 16:25*	*04/14/23 18:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.6**		4.97		mg/Kg			04/21/23 17:31	1

Client Sample ID: CF-342-04.0-NA-S

Lab Sample ID: 880-27134-16
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 12:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 12:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 12:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 12:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:35	04/15/23 12:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:35	04/15/23 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*04/13/23 12:35*	*04/15/23 12:51*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/13/23 12:35*	*04/15/23 12:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 18:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 18:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*04/13/23 16:25*	*04/14/23 18:31*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*04/13/23 16:25*	*04/14/23 18:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**284**		4.98		mg/Kg			04/21/23 17:35	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-343-04.0-NA-S

Lab Sample ID: 880-27134-17
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:35	04/15/23 13:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:35	04/15/23 13:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:35	04/15/23 13:17	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/13/23 12:35	04/15/23 13:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:35	04/15/23 13:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/13/23 12:35	04/15/23 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/13/23 12:35*	*04/15/23 13:17*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/13/23 12:35*	*04/15/23 13:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 18:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 18:53	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*131*	*S1+*	*70 - 130*	*04/13/23 16:25*	*04/14/23 18:53*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*04/13/23 16:25*	*04/14/23 18:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.7**		5.03		mg/Kg			04/21/23 17:40	1

Client Sample ID: CF-345-04.0-NA-S

Lab Sample ID: 880-27134-18
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 13:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 13:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 13:42	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:35	04/15/23 13:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 13:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:35	04/15/23 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*04/13/23 12:35*	*04/15/23 13:42*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/13/23 12:35*	*04/15/23 13:42*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-345-04.0-NA-S

Lab Sample ID: 880-27134-18
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 19:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 19:14	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*127*		*70 - 130*	*04/13/23 16:25*	*04/14/23 19:14*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/13/23 16:25*	*04/14/23 19:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.3**		5.04		mg/Kg			04/21/23 17:44	1

Client Sample ID: CF-346-04.0-NA-S

Lab Sample ID: 880-27134-19
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:35	04/15/23 14:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:35	04/15/23 14:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:35	04/15/23 14:08	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/13/23 12:35	04/15/23 14:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:35	04/15/23 14:08	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/13/23 12:35	04/15/23 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*04/13/23 12:35*	*04/15/23 14:08*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/13/23 12:35*	*04/15/23 14:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 19:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 19:36	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-346-04.0-NA-S

Lab Sample ID: 880-27134-19
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/13/23 16:25	04/14/23 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*04/13/23 16:25*	*04/14/23 19:36*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/13/23 16:25*	*04/14/23 19:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**471**		5.00		mg/Kg			04/21/23 17:49	1

Client Sample ID: CF-347-00.3-NA-S

Lab Sample ID: 880-27134-20
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:35	04/15/23 14:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:35	04/15/23 14:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:35	04/15/23 14:34	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/13/23 12:35	04/15/23 14:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:35	04/15/23 14:34	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/13/23 12:35	04/15/23 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/13/23 12:35*	*04/15/23 14:34*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/13/23 12:35*	*04/15/23 14:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 19:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 19:58	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*235*	*S1+*	*70 - 130*	*04/13/23 16:25*	*04/14/23 19:58*	*1*
o-Terphenyl (Surr)	*222*	*S1+*	*70 - 130*	*04/13/23 16:25*	*04/14/23 19:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.8**		5.05		mg/Kg			04/21/23 17:53	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-348-00.3-NA-S

Lab Sample ID: 880-27134-21
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F2 F1	0.00201		mg/Kg		04/13/23 12:37	04/15/23 18:31	1
Toluene	<0.00201	U F2 F1	0.00201		mg/Kg		04/13/23 12:37	04/15/23 18:31	1
Ethylbenzene	<0.00201	U F2 F1	0.00201		mg/Kg		04/13/23 12:37	04/15/23 18:31	1
m,p-Xylenes	<0.00402	U F2 F1	0.00402		mg/Kg		04/13/23 12:37	04/15/23 18:31	1
o-Xylene	<0.00201	U F2 F1	0.00201		mg/Kg		04/13/23 12:37	04/15/23 18:31	1
Xylenes, Total	<0.00402	U F2 F1	0.00402		mg/Kg		04/13/23 12:37	04/15/23 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/13/23 12:37*	*04/15/23 18:31*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*04/13/23 12:37*	*04/15/23 18:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 11:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 11:54	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*70*		*70 - 130*	*04/14/23 10:05*	*04/14/23 11:54*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*04/14/23 10:05*	*04/14/23 11:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.5**	**F1**	4.99		mg/Kg			04/21/23 19:37	1

Client Sample ID: CF-349-00.3-NA-S

Lab Sample ID: 880-27134-22
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:37	04/15/23 18:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:37	04/15/23 18:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:37	04/15/23 18:57	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/13/23 12:37	04/15/23 18:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:37	04/15/23 18:57	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/13/23 12:37	04/15/23 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/13/23 12:37*	*04/15/23 18:57*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/13/23 12:37*	*04/15/23 18:57*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-349-00.3-NA-S

Lab Sample ID: 880-27134-22
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 12:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 12:57	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 12:57*	*1*
o-Terphenyl (Surr)	*69*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 12:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**319**		4.97		mg/Kg			04/21/23 19:51	1

Client Sample ID: CF-350-00.3-NA-S

Lab Sample ID: 880-27134-23
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 19:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 19:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 19:23	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/15/23 19:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 19:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/15/23 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*04/13/23 12:37*	*04/15/23 19:23*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/13/23 12:37*	*04/15/23 19:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 13:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 13:18	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-350-00.3-NA-S

Lab Sample ID: 880-27134-23
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*04/14/23 10:05*	*04/14/23 13:18*	*1*
o-Terphenyl (Surr)	*72*		*70 - 130*	*04/14/23 10:05*	*04/14/23 13:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**127**		4.96		mg/Kg			04/21/23 19:56	1

Client Sample ID: CF-351-00.3-NA-S

Lab Sample ID: 880-27134-24
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 19:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 19:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 19:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/15/23 19:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 19:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/15/23 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*04/13/23 12:37*	*04/15/23 19:49*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/13/23 12:37*	*04/15/23 19:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 13:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 13:39	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 13:39*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 13:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76.3**		5.01		mg/Kg			04/21/23 20:00	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-352-00.3-NA-S

Lab Sample ID: 880-27134-25
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/15/23 20:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/15/23 20:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/15/23 20:16	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:37	04/15/23 20:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/15/23 20:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:37	04/15/23 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/13/23 12:37*	*04/15/23 20:16*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*04/13/23 12:37*	*04/15/23 20:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 14:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 14:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 14:00*	*1*
o-Terphenyl (Surr)	*68*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 14:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		5.02		mg/Kg			04/21/23 20:05	1

Client Sample ID: CF-353-04.0-NA-S

Lab Sample ID: 880-27134-26
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 20:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 20:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 20:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/15/23 20:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 20:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/15/23 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*04/13/23 12:37*	*04/15/23 20:42*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/13/23 12:37*	*04/15/23 20:42*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-353-04.0-NA-S

Lab Sample ID: 880-27134-26
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 14:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 14:21	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 14:21*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 14:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.0**		5.02		mg/Kg			04/21/23 20:19	1

Client Sample ID: CF-354-04.0-NA-S

Lab Sample ID: 880-27134-27
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 21:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 21:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 21:08	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/15/23 21:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 21:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/15/23 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*	*04/13/23 12:37*	*04/15/23 21:08*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/13/23 12:37*	*04/15/23 21:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 14:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 14:42	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-354-04.0-NA-S

Lab Sample ID: 880-27134-27
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 14:42*	*1*
o-Terphenyl (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 14:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**117**		5.03		mg/Kg			04/21/23 20:23	1

Client Sample ID: CF-355-04.0-NA-S

Lab Sample ID: 880-27134-28
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:37	04/15/23 21:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:37	04/15/23 21:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:37	04/15/23 21:35	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:37	04/15/23 21:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:37	04/15/23 21:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:37	04/15/23 21:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*04/13/23 12:37*	*04/15/23 21:35*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/13/23 12:37*	*04/15/23 21:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 15:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 15:04	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 15:04*	*1*
o-Terphenyl (Surr)	*69*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 15:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		5.02		mg/Kg			04/21/23 20:28	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-356-04.0-NA-S

Lab Sample ID: 880-27134-29
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:37	04/15/23 22:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:37	04/15/23 22:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:37	04/15/23 22:01	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/13/23 12:37	04/15/23 22:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:37	04/15/23 22:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/13/23 12:37	04/15/23 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*04/13/23 12:37*	*04/15/23 22:01*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/13/23 12:37*	*04/15/23 22:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 15:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 15:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 15:25*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 15:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		4.97		mg/Kg			04/21/23 20:32	1

Client Sample ID: CF-357-04.0-NA-S

Lab Sample ID: 880-27134-30
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 22:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 22:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 22:27	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/15/23 22:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/15/23 22:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/15/23 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*04/13/23 12:37*	*04/15/23 22:27*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*04/13/23 12:37*	*04/15/23 22:27*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-357-04.0-NA-S

Lab Sample ID: 880-27134-30
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 15:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 15:46	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*63*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 15:46*	*1*
o-Terphenyl (Surr)	*62*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 15:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**145**		4.96		mg/Kg			04/21/23 20:37	1

Client Sample ID: CF-358-04.0-NA-S

Lab Sample ID: 880-27134-31
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 00:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 00:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 00:11	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/16/23 00:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 00:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/16/23 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/13/23 12:37*	*04/16/23 00:11*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/13/23 12:37*	*04/16/23 00:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 16:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 16:29	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-358-04.0-NA-S

Lab Sample ID: 880-27134-31
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*67*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 16:29*	*1*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 16:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**107**		4.98		mg/Kg			04/21/23 20:41	1

Client Sample ID: CF-359-04.0-NA-S

Lab Sample ID: 880-27134-32
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 00:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 00:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 00:37	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:37	04/16/23 00:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 00:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:37	04/16/23 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*04/13/23 12:37*	*04/16/23 00:37*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/13/23 12:37*	*04/16/23 00:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 16:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 16:50	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 16:50*	*1*
o-Terphenyl (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 16:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**117**		5.04		mg/Kg			04/22/23 10:58	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-360-04.0-NA-S

Lab Sample ID: 880-27134-33
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 01:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 01:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 01:03	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:37	04/16/23 01:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 01:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:37	04/16/23 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/13/23 12:37*	*04/16/23 01:03*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*04/13/23 12:37*	*04/16/23 01:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 17:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 17:11	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*63*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 17:11*	*1*
o-Terphenyl (Surr)	*64*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 17:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**116**		5.04		mg/Kg			04/22/23 11:03	1

Client Sample ID: CF-361-04.0-NA-S

Lab Sample ID: 880-27134-34
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 01:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 01:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 01:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/16/23 01:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 01:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/16/23 01:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*04/13/23 12:37*	*04/16/23 01:29*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/13/23 12:37*	*04/16/23 01:29*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-361-04.0-NA-S

Lab Sample ID: 880-27134-34
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 17:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 17:32	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*62*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 17:32*	*1*
o-Terphenyl (Surr)	*62*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 17:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**83.0**		5.01		mg/Kg			04/22/23 11:16	1

Client Sample ID: CF-362-04.0-NA-S

Lab Sample ID: 880-27134-35
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 01:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 01:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 01:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/16/23 01:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 01:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/16/23 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*04/13/23 12:37*	*04/16/23 01:55*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/13/23 12:37*	*04/16/23 01:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 17:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 17:54	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-362-04.0-NA-S

Lab Sample ID: 880-27134-35
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*62*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 17:54*	*1*
o-Terphenyl (Surr)	*62*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 17:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**		4.97		mg/Kg			04/22/23 11:21	1

Client Sample ID: CF-363-04.0-NA-S

Lab Sample ID: 880-27134-36
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 02:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 02:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 02:21	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:37	04/16/23 02:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 02:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:37	04/16/23 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*04/13/23 12:37*	*04/16/23 02:21*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/13/23 12:37*	*04/16/23 02:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 18:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 18:14	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:05	04/14/23 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*70*		*70 - 130*	*04/14/23 10:05*	*04/14/23 18:14*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*04/14/23 10:05*	*04/14/23 18:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**200**		5.00		mg/Kg			04/22/23 11:25	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-364-04.0-NA-S

Lab Sample ID: 880-27134-37
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 02:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 02:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 02:47	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/16/23 02:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 02:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/16/23 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*04/13/23 12:37*	*04/16/23 02:47*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/13/23 12:37*	*04/16/23 02:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 18:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 18:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 18:34*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 18:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.7**		5.02		mg/Kg			04/22/23 11:30	1

Client Sample ID: CF-365-04.0-NA-S

Lab Sample ID: 880-27134-38
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 03:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 03:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 03:13	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/16/23 03:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:37	04/16/23 03:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:37	04/16/23 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*04/13/23 12:37*	*04/16/23 03:13*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/13/23 12:37*	*04/16/23 03:13*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-365-04.0-NA-S

Lab Sample ID: 880-27134-38
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 18:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 18:55	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*61*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 18:55*	*1*
o-Terphenyl (Surr)	*62*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 18:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		5.04		mg/Kg			04/22/23 11:34	1

Client Sample ID: CF-366-04.0-NA-S

Lab Sample ID: 880-27134-39
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:37	04/16/23 03:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:37	04/16/23 03:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:37	04/16/23 03:39	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:37	04/16/23 03:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:37	04/16/23 03:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:37	04/16/23 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/13/23 12:37*	*04/16/23 03:39*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/13/23 12:37*	*04/16/23 03:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 19:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 19:16	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-366-04.0-NA-S

Lab Sample ID: 880-27134-39
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:05	04/14/23 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 19:16*	*1*
o-Terphenyl (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:05*	*04/14/23 19:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		4.99		mg/Kg			04/22/23 11:39	1

Client Sample ID: CF-367-04.0-NA-S

Lab Sample ID: 880-27134-40
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 04:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 04:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 04:05	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:37	04/16/23 04:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/16/23 04:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:37	04/16/23 04:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/13/23 12:37*	*04/16/23 04:05*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/13/23 12:37*	*04/16/23 04:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/17/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 19:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 19:37	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 10:05	04/14/23 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*73*		*70 - 130*	*04/14/23 10:05*	*04/14/23 19:37*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*04/14/23 10:05*	*04/14/23 19:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**215**		4.99		mg/Kg			04/22/23 11:44	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-368-04.0-NA-S

Lab Sample ID: 880-27134-41
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:38	04/15/23 08:34	1
Toluene	<0.00202	U F1	0.00202		mg/Kg		04/13/23 12:38	04/15/23 08:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:38	04/15/23 08:34	1
m,p-Xylenes	<0.00403	U F1	0.00403		mg/Kg		04/13/23 12:38	04/15/23 08:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:38	04/15/23 08:34	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/13/23 12:38	04/15/23 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/13/23 12:38*	*04/15/23 08:34*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/13/23 12:38*	*04/15/23 08:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 10:53	04/14/23 21:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 10:53	04/14/23 21:18	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 10:53	04/14/23 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*04/14/23 10:53*	*04/14/23 21:18*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/14/23 10:53*	*04/14/23 21:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.3**		5.01		mg/Kg			04/21/23 16:00	1

Client Sample ID: CF-369-04.0-NA-S

Lab Sample ID: 880-27134-42
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 08:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 08:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 08:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:38	04/15/23 08:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 08:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:38	04/15/23 08:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/13/23 12:38*	*04/15/23 08:54*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/13/23 12:38*	*04/15/23 08:54*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-369-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-42

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/14/23 22:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/14/23 22:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/14/23 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/14/23 22:20*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*04/14/23 10:53*	*04/14/23 22:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		4.97		mg/Kg			04/21/23 16:15	1

Client Sample ID: CF-370-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-43

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 09:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 09:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 09:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 09:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 09:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 09:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*04/13/23 12:38*	*04/15/23 09:15*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/13/23 12:38*	*04/15/23 09:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/14/23 22:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/14/23 22:40	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-370-00.3-NA-S

Lab Sample ID: 880-27134-43
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/14/23 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*70*		*70 - 130*	*04/14/23 10:53*	*04/14/23 22:40*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*04/14/23 10:53*	*04/14/23 22:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**68.4**		4.98		mg/Kg			04/21/23 16:20	1

Client Sample ID: CF-371-00.3-NA-S

Lab Sample ID: 880-27134-44
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 09:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 09:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 09:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 09:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 09:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 09:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*	*04/13/23 12:38*	*04/15/23 09:35*	*1*
1,4-Difluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*04/13/23 12:38*	*04/15/23 09:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/14/23 23:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/14/23 23:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/14/23 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*67*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/14/23 23:00*	*1*
o-Terphenyl (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/14/23 23:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		4.98		mg/Kg			04/21/23 16:24	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-372-00.3-NA-S

Lab Sample ID: 880-27134-45
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:38	04/15/23 09:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:38	04/15/23 09:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:38	04/15/23 09:56	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:38	04/15/23 09:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:38	04/15/23 09:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:38	04/15/23 09:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*04/13/23 12:38*	*04/15/23 09:56*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/13/23 12:38*	*04/15/23 09:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/14/23 23:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/14/23 23:21	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/14/23 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/14/23 23:21*	*1*
o-Terphenyl (Surr)	*64*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/14/23 23:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.9**		5.02		mg/Kg			04/21/23 16:29	1

Client Sample ID: CF-373-00.3-NA-S

Lab Sample ID: 880-27134-46
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 13:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 13:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 13:20	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:38	04/15/23 13:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 13:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:38	04/15/23 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/13/23 12:38*	*04/15/23 13:20*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/13/23 12:38*	*04/15/23 13:20*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-373-00.3-NA-S

Lab Sample ID: 880-27134-46
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 10:53	04/14/23 23:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 10:53	04/14/23 23:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 10:53	04/14/23 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*68*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/14/23 23:41*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/14/23 23:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.4**		5.03		mg/Kg			04/21/23 16:44	1

Client Sample ID: CF-374-00.3-NA-S

Lab Sample ID: 880-27134-47
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 13:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 13:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 13:40	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 13:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 13:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/13/23 12:38*	*04/15/23 13:40*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/13/23 12:38*	*04/15/23 13:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 00:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 00:01	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-374-00.3-NA-S

Lab Sample ID: 880-27134-47
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*70*		*70 - 130*	*04/14/23 10:53*	*04/15/23 00:01*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*04/14/23 10:53*	*04/15/23 00:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.8**		5.04		mg/Kg			04/21/23 16:54	1

Client Sample ID: CF-375-00.3-NA-S

Lab Sample ID: 880-27134-48
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:38	04/15/23 14:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:38	04/15/23 14:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:38	04/15/23 14:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:38	04/15/23 14:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:38	04/15/23 14:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:38	04/15/23 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/13/23 12:38*	*04/15/23 14:01*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/13/23 12:38*	*04/15/23 14:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 00:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 00:21	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*68*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 00:21*	*1*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 00:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.3**		4.99		mg/Kg			04/21/23 16:58	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-376-00.3-NA-S

Lab Sample ID: 880-27134-49
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 14:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 14:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 14:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 14:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 14:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/13/23 12:38*	*04/15/23 14:21*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/13/23 12:38*	*04/15/23 14:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 00:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 00:42	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 00:42*	*1*
o-Terphenyl (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 00:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**176**		4.96		mg/Kg			04/21/23 17:03	1

Client Sample ID: CF-377-00.3-NA-S

Lab Sample ID: 880-27134-50
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 14:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 14:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 14:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 14:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 14:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*255*	*S1+*	*70 - 130*	*04/13/23 12:38*	*04/15/23 14:42*	*1*
1,4-Difluorobenzene (Surr)	*217*	*S1+*	*70 - 130*	*04/13/23 12:38*	*04/15/23 14:42*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-377-00.3-NA-S

Lab Sample ID: 880-27134-50
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 01:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 01:02	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*63*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 01:02*	*1*
o-Terphenyl (Surr)	*61*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 01:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**81.9**		5.05		mg/Kg			04/21/23 17:08	1

Client Sample ID: CF-378-00.3-NA-S

Lab Sample ID: 880-27134-51
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 16:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 16:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 16:05	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:38	04/15/23 16:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 16:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:38	04/15/23 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*04/13/23 12:38*	*04/15/23 16:05*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/13/23 12:38*	*04/15/23 16:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 10:53	04/15/23 01:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 10:53	04/15/23 01:42	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-378-00.3-NA-S

Lab Sample ID: 880-27134-51
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 10:53	04/15/23 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 01:42*	*1*
o-Terphenyl (Surr)	*64*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 01:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.6**	**F1**	5.02		mg/Kg			04/21/23 17:13	1

Client Sample ID: CF-379-00.3-NA-S

Lab Sample ID: 880-27134-52
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:38	04/15/23 16:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:38	04/15/23 16:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:38	04/15/23 16:25	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:38	04/15/23 16:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:38	04/15/23 16:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:38	04/15/23 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/13/23 12:38*	*04/15/23 16:25*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/13/23 12:38*	*04/15/23 16:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 02:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 02:02	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 02:02*	*1*
o-Terphenyl (Surr)	*64*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 02:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.5**		4.98		mg/Kg			04/21/23 17:27	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-380-00.3-NA-S

Lab Sample ID: 880-27134-53
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/23 11:51	04/16/23 15:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/23 11:51	04/16/23 15:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/23 11:51	04/16/23 15:31	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/16/23 11:51	04/16/23 15:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/23 11:51	04/16/23 15:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/23 11:51	04/16/23 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/16/23 11:51*	*04/16/23 15:31*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/16/23 11:51*	*04/16/23 15:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 02:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 02:23	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*64*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 02:23*	*1*
o-Terphenyl (Surr)	*63*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 02:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**107**		4.97		mg/Kg			04/21/23 17:32	1

Client Sample ID: CF-381-00.3-NA-S

Lab Sample ID: 880-27134-54
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 17:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 17:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 17:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 17:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 17:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/13/23 12:38*	*04/15/23 17:06*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/13/23 12:38*	*04/15/23 17:06*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-381-00.3-NA-S

Lab Sample ID: 880-27134-54
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 02:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 02:43	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 02:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*64*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 02:43*	*1*
o-Terphenyl (Surr)	*62*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 02:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.7**		5.01		mg/Kg			04/21/23 17:47	1

Client Sample ID: CF-382-00.3-NA-S

Lab Sample ID: 880-27134-55
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:38	04/15/23 17:26	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:38	04/15/23 17:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:38	04/15/23 17:26	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/13/23 12:38	04/15/23 17:26	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:38	04/15/23 17:26	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/13/23 12:38	04/15/23 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*04/13/23 12:38*	*04/15/23 17:26*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/13/23 12:38*	*04/15/23 17:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 03:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 03:03	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-382-00.3-NA-S

Lab Sample ID: 880-27134-55
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 03:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 03:03*	*1*
o-Terphenyl (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 03:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.9**		5.04		mg/Kg			04/21/23 17:52	1

Client Sample ID: CF-383-00.3-NA-S

Lab Sample ID: 880-27134-56
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:38	04/15/23 17:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:38	04/15/23 17:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:38	04/15/23 17:47	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/13/23 12:38	04/15/23 17:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:38	04/15/23 17:47	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/13/23 12:38	04/15/23 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*04/13/23 12:38*	*04/15/23 17:47*	*1*
1,4-Difluorobenzene (Surr)	*60*	*S1-*	*70 - 130*	*04/13/23 12:38*	*04/15/23 17:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 03:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 03:24	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 03:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*63*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 03:24*	*1*
o-Terphenyl (Surr)	*62*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 03:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.4**		5.00		mg/Kg			04/21/23 17:56	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-384-00.3-NA-S

Lab Sample ID: 880-27134-57
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 18:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 18:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 18:08	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:38	04/15/23 18:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 18:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:38	04/15/23 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/13/23 12:38*	*04/15/23 18:08*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/13/23 12:38*	*04/15/23 18:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 10:53	04/15/23 03:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 10:53	04/15/23 03:44	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 10:53	04/15/23 03:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*64*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 03:44*	*1*
o-Terphenyl (Surr)	*64*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 03:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.6**		5.05		mg/Kg			04/21/23 18:01	1

Client Sample ID: CF-385-00.3-NA-S

Lab Sample ID: 880-27134-58
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 18:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 18:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 18:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 18:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:38	04/15/23 18:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:38	04/15/23 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/13/23 12:38*	*04/15/23 18:28*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/13/23 12:38*	*04/15/23 18:28*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-385-00.3-NA-S

Lab Sample ID: 880-27134-58
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 04:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 04:05	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 04:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*63*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 04:05*	*1*
o-Terphenyl (Surr)	*60*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 04:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.9**		5.02		mg/Kg			04/21/23 18:06	1

Client Sample ID: CF-386-00.3-NA-S

Lab Sample ID: 880-27134-59
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:38	04/15/23 18:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:38	04/15/23 18:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:38	04/15/23 18:49	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/13/23 12:38	04/15/23 18:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:38	04/15/23 18:49	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/13/23 12:38	04/15/23 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/13/23 12:38*	*04/15/23 18:49*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/13/23 12:38*	*04/15/23 18:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 04:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 04:25	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-386-00.3-NA-S

Lab Sample ID: 880-27134-59
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/15/23 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 04:25*	*1*
o-Terphenyl (Surr)	*63*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 04:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.8**		4.98		mg/Kg			04/21/23 18:11	1

Client Sample ID: CF-387-00.3-NA-S

Lab Sample ID: 880-27134-60
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 19:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 19:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 19:09	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:38	04/15/23 19:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 19:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:38	04/15/23 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/13/23 12:38*	*04/15/23 19:09*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/13/23 12:38*	*04/15/23 19:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/16/23 11:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 04:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 04:46	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:53	04/15/23 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 04:46*	*1*
o-Terphenyl (Surr)	*62*	*S1-*	*70 - 130*	*04/14/23 10:53*	*04/15/23 04:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		5.03		mg/Kg			04/21/23 18:16	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-388-00.3-NA-S

Lab Sample ID: 880-27134-61
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1 F2	0.00201		mg/Kg		04/13/23 12:39	04/15/23 08:48	1
Toluene	<0.00201	U F1 F2	0.00201		mg/Kg		04/13/23 12:39	04/15/23 08:48	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		04/13/23 12:39	04/15/23 08:48	1
m,p-Xylenes	<0.00402	U F1	0.00402		mg/Kg		04/13/23 12:39	04/15/23 08:48	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		04/13/23 12:39	04/15/23 08:48	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		04/13/23 12:39	04/15/23 08:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/13/23 12:39*	*04/15/23 08:48*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/13/23 12:39*	*04/15/23 08:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/17/23 15:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/14/23 21:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/14/23 21:44	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/14/23 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*04/14/23 10:55*	*04/14/23 21:44*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/14/23 10:55*	*04/14/23 21:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.7**	**F1**	4.97		mg/Kg			04/21/23 19:57	1

Client Sample ID: CF-389-00.3-NA-S

Lab Sample ID: 880-27134-62
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 09:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 09:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 09:08	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:39	04/15/23 09:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 09:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:39	04/15/23 09:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/13/23 12:39*	*04/15/23 09:08*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/13/23 12:39*	*04/15/23 09:08*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-389-00.3-NA-S

Lab Sample ID: 880-27134-62
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/17/23 15:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:55	04/14/23 22:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:55	04/14/23 22:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:55	04/14/23 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*04/14/23 10:55*	*04/14/23 22:48*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/14/23 10:55*	*04/14/23 22:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**141**		4.99		mg/Kg			04/21/23 20:11	1

Client Sample ID: CF-390-00.3-NA-S

Lab Sample ID: 880-27134-63
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 09:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 09:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 09:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:39	04/15/23 09:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 09:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:39	04/15/23 09:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/13/23 12:39*	*04/15/23 09:29*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*04/13/23 12:39*	*04/15/23 09:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/14/23 23:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/14/23 23:09	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-390-00.3-NA-S

Lab Sample ID: 880-27134-63
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/14/23 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/14/23 10:55*	*04/14/23 23:09*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/14/23 10:55*	*04/14/23 23:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**239**		4.96		mg/Kg			04/21/23 20:16	1

Client Sample ID: CF-391-00.3-NA-S

Lab Sample ID: 880-27134-64
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 12:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 12:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 12:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:39	04/15/23 12:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 12:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:39	04/15/23 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/13/23 12:39*	*04/15/23 12:59*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/13/23 12:39*	*04/15/23 12:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/14/23 23:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/14/23 23:31	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/14/23 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*04/14/23 10:55*	*04/14/23 23:31*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/14/23 10:55*	*04/14/23 23:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**122**		5.04		mg/Kg			04/21/23 20:21	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-392-00.3-NA-S

Lab Sample ID: 880-27134-65
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 13:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 13:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 13:19	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:39	04/15/23 13:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 13:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:39	04/15/23 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/13/23 12:39*	*04/15/23 13:19*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/13/23 12:39*	*04/15/23 13:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 15:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/14/23 23:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/14/23 23:52	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/14/23 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/14/23 10:55*	*04/14/23 23:52*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/14/23 10:55*	*04/14/23 23:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.0**		5.02		mg/Kg			04/21/23 20:26	1

Client Sample ID: CF-393-00.3-NA-S

Lab Sample ID: 880-27134-66
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:39	04/15/23 13:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:39	04/15/23 13:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:39	04/15/23 13:40	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:39	04/15/23 13:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:39	04/15/23 13:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:39	04/15/23 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/13/23 12:39*	*04/15/23 13:40*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/13/23 12:39*	*04/15/23 13:40*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-393-00.3-NA-S

Lab Sample ID: 880-27134-66
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/17/23 15:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:55	04/15/23 00:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:55	04/15/23 00:13	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:55	04/15/23 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/14/23 10:55*	*04/15/23 00:13*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*04/14/23 10:55*	*04/15/23 00:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.7**		5.01		mg/Kg			04/21/23 20:40	1

Client Sample ID: CF-394-00.3-NA-S

Lab Sample ID: 880-27134-67
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 14:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 14:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 14:01	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:39	04/15/23 14:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 14:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:39	04/15/23 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/13/23 12:39*	*04/15/23 14:01*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*04/13/23 12:39*	*04/15/23 14:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/17/23 15:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:55	04/15/23 00:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:55	04/15/23 00:34	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-394-00.3-NA-S

Lab Sample ID: 880-27134-67
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:55	04/15/23 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/14/23 10:55*	*04/15/23 00:34*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*04/14/23 10:55*	*04/15/23 00:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.5**		4.98		mg/Kg			04/21/23 20:45	1

Client Sample ID: CF-395-00.3-NA-S

Lab Sample ID: 880-27134-68
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 14:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 14:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 14:22	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:39	04/15/23 14:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 14:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:39	04/15/23 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/13/23 12:39*	*04/15/23 14:22*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*04/13/23 12:39*	*04/15/23 14:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**86.5**		49.9		mg/Kg			04/17/23 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/15/23 07:05	1
Diesel Range Organics (Over C10-C28)	**86.5**		49.9		mg/Kg		04/14/23 10:55	04/15/23 07:05	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/15/23 07:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*141*	*S1+*	*70 - 130*	*04/14/23 10:55*	*04/15/23 07:05*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/14/23 10:55*	*04/15/23 07:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**186**		5.05		mg/Kg			04/21/23 20:50	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-396-00.3-NA-S

Lab Sample ID: 880-27134-69
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 14:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 14:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 14:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:39	04/15/23 14:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:39	04/15/23 14:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:39	04/15/23 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/13/23 12:39*	*04/15/23 14:42*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/13/23 12:39*	*04/15/23 14:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 15:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/15/23 07:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/15/23 07:27	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/15/23 07:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/14/23 10:55*	*04/15/23 07:27*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/14/23 10:55*	*04/15/23 07:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**111**		5.01		mg/Kg			04/21/23 20:55	1

Client Sample ID: CF-397-00.3-NA-S

Lab Sample ID: 880-27134-70
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 15:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 15:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 15:03	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:39	04/15/23 15:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 15:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:39	04/15/23 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/13/23 12:39*	*04/15/23 15:03*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*04/13/23 12:39*	*04/15/23 15:03*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-397-00.3-NA-S

Lab Sample ID: 880-27134-70
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 15:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/15/23 07:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/15/23 07:47	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 10:55	04/15/23 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*130*		*70 - 130*	*04/14/23 10:55*	*04/15/23 07:47*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/14/23 10:55*	*04/15/23 07:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		4.98		mg/Kg			04/21/23 21:00	1

Client Sample ID: CF-398-00.3-NA-S

Lab Sample ID: 880-27134-71
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/16/23 11:51	04/16/23 15:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/16/23 11:51	04/16/23 15:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/16/23 11:51	04/16/23 15:51	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/16/23 11:51	04/16/23 15:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/16/23 11:51	04/16/23 15:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/16/23 11:51	04/16/23 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/16/23 11:51*	*04/16/23 15:51*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/16/23 11:51*	*04/16/23 15:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/17/23 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 12:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		04/15/23 09:17	04/15/23 12:31	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-398-00.3-NA-S

Lab Sample ID: 880-27134-71
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*126*		*70 - 130*	*04/15/23 09:17*	*04/15/23 12:31*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/15/23 09:17*	*04/15/23 12:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**156**	**F1**	4.96		mg/Kg			04/21/23 21:04	1

Client Sample ID: CF-399-00.3-NA-S

Lab Sample ID: 880-27134-72
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/16/23 11:51	04/16/23 16:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/16/23 11:51	04/16/23 16:12	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/16/23 11:51	04/16/23 16:12	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/16/23 11:51	04/16/23 16:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/16/23 11:51	04/16/23 16:12	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/16/23 11:51	04/16/23 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/16/23 11:51*	*04/16/23 16:12*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/16/23 11:51*	*04/16/23 16:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/17/23 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 13:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 13:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*04/15/23 09:17*	*04/15/23 13:35*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/15/23 09:17*	*04/15/23 13:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		5.04		mg/Kg			04/21/23 21:19	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-400-00.3-NA-S

Lab Sample ID: 880-27134-73
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 16:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 16:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 16:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/16/23 11:51	04/16/23 16:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 16:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/16/23 11:51	04/16/23 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/16/23 11:51*	*04/16/23 16:32*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/16/23 11:51*	*04/16/23 16:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 13:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 13:57	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*137*	*S1+*	*70 - 130*	*04/15/23 09:17*	*04/15/23 13:57*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/15/23 09:17*	*04/15/23 13:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		5.03		mg/Kg			04/21/23 21:24	1

Client Sample ID: CF-401-04.0-NA-S

Lab Sample ID: 880-27134-74
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 16:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 16:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 16:53	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/16/23 11:51	04/16/23 16:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 16:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/16/23 11:51	04/16/23 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/16/23 11:51*	*04/16/23 16:53*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/16/23 11:51*	*04/16/23 16:53*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-401-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-74

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 14:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 14:18	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*133*	*S1+*	*70 - 130*	*04/15/23 09:17*	*04/15/23 14:18*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/15/23 09:17*	*04/15/23 14:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**242**		4.97		mg/Kg			04/21/23 21:38	1

Client Sample ID: CF-402-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-75

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/23 11:51	04/16/23 17:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/23 11:51	04/16/23 17:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/23 11:51	04/16/23 17:13	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/16/23 11:51	04/16/23 17:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/23 11:51	04/16/23 17:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/23 11:51	04/16/23 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/16/23 11:51*	*04/16/23 17:13*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/16/23 11:51*	*04/16/23 17:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 14:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 14:40	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-402-00.3-NA-S

Lab Sample ID: 880-27134-75
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*121*		*70 - 130*	*04/15/23 09:17*	*04/15/23 14:40*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/15/23 09:17*	*04/15/23 14:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.8**		4.99		mg/Kg			04/21/23 21:43	1

Client Sample ID: CF-403-00.3-NA-S

Lab Sample ID: 880-27134-76
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/16/23 11:51	04/16/23 17:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/16/23 11:51	04/16/23 17:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/16/23 11:51	04/16/23 17:34	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/16/23 11:51	04/16/23 17:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/16/23 11:51	04/16/23 17:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/16/23 11:51	04/16/23 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/16/23 11:51*	*04/16/23 17:34*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/16/23 11:51*	*04/16/23 17:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/17/23 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 15:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 15:01	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*139*	*S1+*	*70 - 130*	*04/15/23 09:17*	*04/15/23 15:01*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/15/23 09:17*	*04/15/23 15:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61.4**		4.98		mg/Kg			04/21/23 21:48	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-404-00.3-NA-S

Lab Sample ID: 880-27134-77
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 17:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 17:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 17:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/16/23 11:51	04/16/23 17:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 17:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/16/23 11:51	04/16/23 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/16/23 11:51*	*04/16/23 17:54*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/16/23 11:51*	*04/16/23 17:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 15:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 15:24	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*146*	*S1+*	*70 - 130*	*04/15/23 09:17*	*04/15/23 15:24*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/15/23 09:17*	*04/15/23 15:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.9**		4.98		mg/Kg			04/21/23 21:53	1

Client Sample ID: CF-405-00.3-NA-S

Lab Sample ID: 880-27134-78
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 18:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 18:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 18:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/16/23 11:51	04/16/23 18:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 18:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/16/23 11:51	04/16/23 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/16/23 11:51*	*04/16/23 18:15*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/16/23 11:51*	*04/16/23 18:15*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-405-00.3-NA-S

Lab Sample ID: 880-27134-78
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/23 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 15:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 15:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*135*	*S1+*	*70 - 130*	*04/15/23 09:17*	*04/15/23 15:45*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/15/23 09:17*	*04/15/23 15:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.0**		5.02		mg/Kg			04/21/23 21:58	1

Client Sample ID: CF-406-00.3-NA-S

Lab Sample ID: 880-27134-79
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/23 11:51	04/16/23 18:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/23 11:51	04/16/23 18:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/23 11:51	04/16/23 18:35	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/16/23 11:51	04/16/23 18:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/23 11:51	04/16/23 18:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/23 11:51	04/16/23 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/16/23 11:51*	*04/16/23 18:35*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/16/23 11:51*	*04/16/23 18:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/17/23 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 16:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 16:07	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-406-00.3-NA-S

Lab Sample ID: 880-27134-79
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/15/23 09:17*	*04/15/23 16:07*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/15/23 09:17*	*04/15/23 16:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**138**		5.05		mg/Kg			04/21/23 22:02	1

Client Sample ID: CF-407-00.3-NA-S

Lab Sample ID: 880-27134-80
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/16/23 11:51	04/16/23 20:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/16/23 11:51	04/16/23 20:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/16/23 11:51	04/16/23 20:25	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/16/23 11:51	04/16/23 20:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/16/23 11:51	04/16/23 20:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/16/23 11:51	04/16/23 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/16/23 11:51*	*04/16/23 20:25*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/16/23 11:51*	*04/16/23 20:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/17/23 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 16:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 16:29	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*04/15/23 09:17*	*04/15/23 16:29*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/15/23 09:17*	*04/15/23 16:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**117**		5.04		mg/Kg			04/21/23 22:07	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-408-00.3-NA-S

Lab Sample ID: 880-27134-81
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:42	04/15/23 16:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/13/23 12:42	04/15/23 16:18	1
Ethylbenzene	<0.00198	U F1	0.00198		mg/Kg		04/13/23 12:42	04/15/23 16:18	1
m,p-Xylenes	<0.00396	U F1	0.00396		mg/Kg		04/13/23 12:42	04/15/23 16:18	1
o-Xylene	<0.00198	U F1	0.00198		mg/Kg		04/13/23 12:42	04/15/23 16:18	1
Xylenes, Total	<0.00396	U F1	0.00396		mg/Kg		04/13/23 12:42	04/15/23 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/13/23 12:42*	*04/15/23 16:18*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/13/23 12:42*	*04/15/23 16:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/14/23 21:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/14/23 21:44	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/14/23 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/14/23 11:57*	*04/14/23 21:44*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/14/23 11:57*	*04/14/23 21:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**154**		4.98		mg/Kg			04/22/23 12:25	1

Client Sample ID: CF-409-00.3-NA-S

Lab Sample ID: 880-27134-82
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 16:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 16:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 16:38	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 16:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 16:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/13/23 12:42*	*04/15/23 16:38*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/13/23 12:42*	*04/15/23 16:38*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-409-00.3-NA-S

Lab Sample ID: 880-27134-82
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 11:57	04/14/23 22:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 11:57	04/14/23 22:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 11:57	04/14/23 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*04/14/23 11:57*	*04/14/23 22:48*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/14/23 11:57*	*04/14/23 22:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**195**		5.03		mg/Kg			04/22/23 12:38	1

Client Sample ID: CF-410-00.3-NA-S

Lab Sample ID: 880-27134-83
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 16:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 16:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 16:59	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:42	04/15/23 16:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 16:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:42	04/15/23 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/13/23 12:42*	*04/15/23 16:59*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/13/23 12:42*	*04/15/23 16:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/14/23 23:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/14/23 23:09	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-410-00.3-NA-S

Lab Sample ID: 880-27134-83
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/14/23 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*04/14/23 11:57*	*04/14/23 23:09*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/14/23 11:57*	*04/14/23 23:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**288**		5.04		mg/Kg			04/22/23 12:43	1

Client Sample ID: CF-411-00.3-NA-S

Lab Sample ID: 880-27134-84
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/15/23 17:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/15/23 17:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/15/23 17:19	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:42	04/15/23 17:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/15/23 17:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:42	04/15/23 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/13/23 12:42*	*04/15/23 17:19*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/13/23 12:42*	*04/15/23 17:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 11:57	04/14/23 23:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 11:57	04/14/23 23:31	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 11:57	04/14/23 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/14/23 11:57*	*04/14/23 23:31*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/14/23 11:57*	*04/14/23 23:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**519**		5.01		mg/Kg			04/22/23 12:48	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-412-00.3-NA-S

Lab Sample ID: 880-27134-85
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:42	04/15/23 17:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:42	04/15/23 17:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:42	04/15/23 17:40	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/13/23 12:42	04/15/23 17:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:42	04/15/23 17:40	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/13/23 12:42	04/15/23 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/13/23 12:42*	*04/15/23 17:40*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/13/23 12:42*	*04/15/23 17:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 11:57	04/14/23 23:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 11:57	04/14/23 23:52	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 11:57	04/14/23 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*04/14/23 11:57*	*04/14/23 23:52*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/14/23 11:57*	*04/14/23 23:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.6**		5.00		mg/Kg			04/22/23 12:52	1

Client Sample ID: CF-413-00.3-NA-S

Lab Sample ID: 880-27134-86
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 18:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 18:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 18:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 18:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 18:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/13/23 12:42*	*04/15/23 18:00*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/13/23 12:42*	*04/15/23 18:00*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-413-00.3-NA-S

Lab Sample ID: 880-27134-86
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 11:57	04/15/23 00:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 11:57	04/15/23 00:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 11:57	04/15/23 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*04/14/23 11:57*	*04/15/23 00:13*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*04/14/23 11:57*	*04/15/23 00:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**153**		4.99		mg/Kg			04/22/23 13:06	1

Client Sample ID: CF-414-00.3-NA-S

Lab Sample ID: 880-27134-87
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 18:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 18:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 18:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 18:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 18:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/13/23 12:42*	*04/15/23 18:21*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/13/23 12:42*	*04/15/23 18:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 11:57	04/15/23 00:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 11:57	04/15/23 00:34	1

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Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-414-00.3-NA-S

Lab Sample ID: 880-27134-87
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 11:57	04/15/23 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*04/14/23 11:57*	*04/15/23 00:34*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/14/23 11:57*	*04/15/23 00:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**118**		5.02		mg/Kg			04/22/23 13:10	1

Client Sample ID: CF-415-00.3-NA-S

Lab Sample ID: 880-27134-88
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 18:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 18:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 18:41	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:42	04/15/23 18:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 18:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:42	04/15/23 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/13/23 12:42*	*04/15/23 18:41*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/13/23 12:42*	*04/15/23 18:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**65.7**		49.9		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 11:57	04/15/23 07:05	1
Diesel Range Organics (Over C10-C28)	**65.7**		49.9		mg/Kg		04/14/23 11:57	04/15/23 07:05	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 11:57	04/15/23 07:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/14/23 11:57*	*04/15/23 07:05*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/14/23 11:57*	*04/15/23 07:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		5.03		mg/Kg			04/22/23 13:15	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-416-00.3-NA-S

Lab Sample ID: 880-27134-89
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 19:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 19:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 19:02	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:42	04/15/23 19:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 19:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:42	04/15/23 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/13/23 12:42*	*04/15/23 19:02*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/13/23 12:42*	*04/15/23 19:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/15/23 07:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/15/23 07:27	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/15/23 07:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/14/23 11:57*	*04/15/23 07:27*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/14/23 11:57*	*04/15/23 07:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.7**		4.97		mg/Kg			04/22/23 13:19	1

Client Sample ID: CF-417-00.3-NA-S

Lab Sample ID: 880-27134-90
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 19:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 19:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 19:22	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 19:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 19:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/13/23 12:42*	*04/15/23 19:22*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/13/23 12:42*	*04/15/23 19:22*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-417-00.3-NA-S

Lab Sample ID: 880-27134-90
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/15/23 07:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/15/23 07:47	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/15/23 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/14/23 11:57*	*04/15/23 07:47*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/14/23 11:57*	*04/15/23 07:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.6**		5.04		mg/Kg			04/22/23 13:24	1

Client Sample ID: CF-418-00.3-NA-S

Lab Sample ID: 880-27134-91
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 21:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 21:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 21:13	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 21:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 21:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/13/23 12:42*	*04/15/23 21:13*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/13/23 12:42*	*04/15/23 21:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 17:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 17:12	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-418-00.3-NA-S

Lab Sample ID: 880-27134-91
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*127*		*70 - 130*	*04/15/23 09:17*	*04/15/23 17:12*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/15/23 09:17*	*04/15/23 17:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.8**		4.99		mg/Kg			04/22/23 13:29	1

Client Sample ID: CF-419-00.3-NA-S

Lab Sample ID: 880-27134-92
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/15/23 21:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/15/23 21:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/15/23 21:33	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:42	04/15/23 21:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/15/23 21:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:42	04/15/23 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/13/23 12:42*	*04/15/23 21:33*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/13/23 12:42*	*04/15/23 21:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 17:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 17:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/15/23 09:17*	*04/15/23 17:34*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/15/23 09:17*	*04/15/23 17:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**416**		5.03		mg/Kg			04/22/23 13:42	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-420-00.3-NA-S

Lab Sample ID: 880-27134-93
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 21:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 21:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 21:53	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:42	04/15/23 21:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 21:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:42	04/15/23 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/13/23 12:42*	*04/15/23 21:53*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/13/23 12:42*	*04/15/23 21:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 17:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 17:56	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*04/15/23 09:17*	*04/15/23 17:56*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/15/23 09:17*	*04/15/23 17:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**127**		5.03		mg/Kg			04/22/23 13:47	1

Client Sample ID: CF-421-00.3-NA-S

Lab Sample ID: 880-27134-94
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 22:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 22:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 22:14	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:42	04/15/23 22:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 22:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:42	04/15/23 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/13/23 12:42*	*04/15/23 22:14*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/13/23 12:42*	*04/15/23 22:14*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-421-00.3-NA-S

Lab Sample ID: 880-27134-94
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 18:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 18:17	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*04/15/23 09:17*	*04/15/23 18:17*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/15/23 09:17*	*04/15/23 18:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**126**		5.01		mg/Kg			04/22/23 14:01	1

Client Sample ID: CF-422-00.3-NA-S

Lab Sample ID: 880-27134-95
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 22:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 22:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 22:34	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 22:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 22:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/13/23 12:42*	*04/15/23 22:34*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/13/23 12:42*	*04/15/23 22:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 18:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 18:39	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-422-00.3-NA-S

Lab Sample ID: 880-27134-95
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/15/23 09:17*	*04/15/23 18:39*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/15/23 09:17*	*04/15/23 18:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		4.96		mg/Kg			04/22/23 14:05	1

Client Sample ID: CF-423-00.3-NA-S

Lab Sample ID: 880-27134-96
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 22:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 22:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 22:55	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:42	04/15/23 22:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 22:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:42	04/15/23 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/13/23 12:42*	*04/15/23 22:55*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/13/23 12:42*	*04/15/23 22:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 19:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 19:00	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/15/23 09:17*	*04/15/23 19:00*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/15/23 09:17*	*04/15/23 19:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**153**		4.95		mg/Kg			04/22/23 14:10	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-424-00.3-NA-S

Lab Sample ID: 880-27134-97
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/15/23 23:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/15/23 23:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/15/23 23:15	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:42	04/15/23 23:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/15/23 23:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:42	04/15/23 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/13/23 12:42*	*04/15/23 23:15*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/13/23 12:42*	*04/15/23 23:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 19:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 19:22	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/23 09:17	04/15/23 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/15/23 09:17*	*04/15/23 19:22*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*04/15/23 09:17*	*04/15/23 19:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**179**		4.97		mg/Kg			04/22/23 14:14	1

Client Sample ID: CF-425-00.3-NA-S

Lab Sample ID: 880-27134-98
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 23:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 23:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 23:36	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:42	04/15/23 23:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:42	04/15/23 23:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:42	04/15/23 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/13/23 12:42*	*04/15/23 23:36*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/13/23 12:42*	*04/15/23 23:36*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-425-00.3-NA-S

Lab Sample ID: 880-27134-98
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 19:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 19:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/15/23 09:17*	*04/15/23 19:44*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/15/23 09:17*	*04/15/23 19:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.2**		5.03		mg/Kg			04/22/23 14:19	1

Client Sample ID: CF-426-00.3-NA-S

Lab Sample ID: 880-27134-99
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 23:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 23:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 23:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 23:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:42	04/15/23 23:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:42	04/15/23 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/13/23 12:42*	*04/15/23 23:56*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/13/23 12:42*	*04/15/23 23:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 20:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 20:06	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-426-00.3-NA-S

Lab Sample ID: 880-27134-99
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/23 09:17	04/15/23 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/15/23 09:17*	*04/15/23 20:06*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/15/23 09:17*	*04/15/23 20:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**186**		5.02		mg/Kg			04/22/23 14:23	1

Client Sample ID: CF-427-00.3-NA-S

Lab Sample ID: 880-27134-100
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/16/23 00:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/16/23 00:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/16/23 00:17	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:42	04/16/23 00:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:42	04/16/23 00:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:42	04/16/23 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/13/23 12:42*	*04/16/23 00:17*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/13/23 12:42*	*04/16/23 00:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/16/23 10:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 10:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 20:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 20:27	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/15/23 09:17*	*04/15/23 20:27*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/15/23 09:17*	*04/15/23 20:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**215**		5.02		mg/Kg			04/22/23 14:28	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-428-00.3-NA-S

Lab Sample ID: 880-27134-101
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:55	04/17/23 12:03	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:55	04/17/23 12:03	1
Ethylbenzene	<0.00202	U *+	0.00202		mg/Kg		04/13/23 12:55	04/17/23 12:03	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/13/23 12:55	04/17/23 12:03	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:55	04/17/23 12:03	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/13/23 12:55	04/17/23 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 12:03*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/13/23 12:55*	*04/17/23 12:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 12:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		04/14/23 12:01	04/15/23 12:31	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/14/23 12:01*	*04/15/23 12:31*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/14/23 12:01*	*04/15/23 12:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**198**		5.05		mg/Kg			04/22/23 15:05	1

Client Sample ID: CF-429-00.3-NA-S

Lab Sample ID: 880-27134-102
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 12:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 12:29	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/13/23 12:55	04/17/23 12:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 12:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 12:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 12:29*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/13/23 12:55*	*04/17/23 12:29*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-429-00.3-NA-S

Lab Sample ID: 880-27134-102
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 13:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 13:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/14/23 12:01*	*04/15/23 13:35*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/14/23 12:01*	*04/15/23 13:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.3**		5.02		mg/Kg			04/22/23 15:18	1

Client Sample ID: CF-430-00.3-NA-S

Lab Sample ID: 880-27134-103
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 12:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 12:56	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/13/23 12:55	04/17/23 12:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 12:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 12:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 12:56*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*04/13/23 12:55*	*04/17/23 12:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 13:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 13:57	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-430-00.3-NA-S

Lab Sample ID: 880-27134-103
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/14/23 12:01*	*04/15/23 13:57*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/14/23 12:01*	*04/15/23 13:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**149**		4.98		mg/Kg			04/22/23 15:23	1

Client Sample ID: CF-431-00.3-NA-S

Lab Sample ID: 880-27134-104
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 13:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 13:22	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		04/13/23 12:55	04/17/23 13:22	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:55	04/17/23 13:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 13:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:55	04/17/23 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*160*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 13:22*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/13/23 12:55*	*04/17/23 13:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 12:01	04/15/23 14:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 12:01	04/15/23 14:18	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 12:01	04/15/23 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/14/23 12:01*	*04/15/23 14:18*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/14/23 12:01*	*04/15/23 14:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		5.03		mg/Kg			04/22/23 15:27	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-432-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-105

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:55	04/17/23 13:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:55	04/17/23 13:49	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		04/13/23 12:55	04/17/23 13:49	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:55	04/17/23 13:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:55	04/17/23 13:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:55	04/17/23 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 13:49*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*04/13/23 12:55*	*04/17/23 13:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 14:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 14:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*04/14/23 12:01*	*04/15/23 14:40*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/14/23 12:01*	*04/15/23 14:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**246**		5.04		mg/Kg			04/22/23 15:32	1

Client Sample ID: CF-433-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-106

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 14:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 14:15	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		04/13/23 12:55	04/17/23 14:15	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:55	04/17/23 14:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 14:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:55	04/17/23 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/13/23 12:55*	*04/17/23 14:15*	*1*
1,4-Difluorobenzene (Surr)	*62*	*S1-*	*70 - 130*	*04/13/23 12:55*	*04/17/23 14:15*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-433-00.3-NA-S

Lab Sample ID: 880-27134-106
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 15:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 15:01	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/14/23 12:01*	*04/15/23 15:01*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/14/23 12:01*	*04/15/23 15:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**209**		4.96		mg/Kg			04/22/23 15:46	1

Client Sample ID: CF-434-00.3-NA-S

Lab Sample ID: 880-27134-107
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 14:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 14:42	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/13/23 12:55	04/17/23 14:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 14:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 14:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 14:42*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*04/13/23 12:55*	*04/17/23 14:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 12:01	04/15/23 15:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 12:01	04/15/23 15:24	1

Eurofins Midland

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-434-00.3-NA-S

Lab Sample ID: 880-27134-107
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 12:01	04/15/23 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/14/23 12:01*	*04/15/23 15:24*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*04/14/23 12:01*	*04/15/23 15:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		4.99		mg/Kg			04/22/23 15:50	1

Client Sample ID: CF-435-00.3-NA-S

Lab Sample ID: 880-27134-108
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 15:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 15:08	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/13/23 12:55	04/17/23 15:08	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 15:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 15:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*163*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 15:08*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/13/23 12:55*	*04/17/23 15:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 15:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 15:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*04/14/23 12:01*	*04/15/23 15:45*	*1*
o-Terphenyl (Surr)	*140*	*S1+*	*70 - 130*	*04/14/23 12:01*	*04/15/23 15:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**205**		4.98		mg/Kg			04/22/23 15:55	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-436-00.3-NA-S

Lab Sample ID: 880-27134-109
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 15:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 15:35	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		04/13/23 12:55	04/17/23 15:35	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:55	04/17/23 15:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 15:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:55	04/17/23 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 15:35*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*04/13/23 12:55*	*04/17/23 15:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 16:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 16:07	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*04/14/23 12:01*	*04/15/23 16:07*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/14/23 12:01*	*04/15/23 16:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**133**		5.03		mg/Kg			04/22/23 15:59	1

Client Sample ID: CF-437-00.3-NA-S

Lab Sample ID: 880-27134-110
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:55	04/17/23 16:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:55	04/17/23 16:32	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		04/13/23 12:55	04/17/23 16:32	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:55	04/17/23 16:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:55	04/17/23 16:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:55	04/17/23 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 16:32*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*04/13/23 12:55*	*04/17/23 16:32*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-437-00.3-NA-S

Lab Sample ID: 880-27134-110
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 16:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 16:29	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*04/14/23 12:01*	*04/15/23 16:29*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/14/23 12:01*	*04/15/23 16:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**161**		4.99		mg/Kg			04/22/23 16:04	1

Client Sample ID: CF-438-00.3-NA-S

Lab Sample ID: 880-27134-111
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 18:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 18:16	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		04/13/23 12:55	04/17/23 18:16	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:55	04/17/23 18:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 18:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:55	04/17/23 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 18:16*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/13/23 12:55*	*04/17/23 18:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 17:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 17:12	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-438-00.3-NA-S

Lab Sample ID: 880-27134-111
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*04/14/23 12:01*	*04/15/23 17:12*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/14/23 12:01*	*04/15/23 17:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.7**	**F1**	4.95		mg/Kg			04/22/23 16:08	1

Client Sample ID: CF-439-00.3-NA-S

Lab Sample ID: 880-27134-112
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 18:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 18:42	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/13/23 12:55	04/17/23 18:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 18:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 18:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 18:42*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/13/23 12:55*	*04/17/23 18:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 17:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 17:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/14/23 12:01*	*04/15/23 17:34*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/14/23 12:01*	*04/15/23 17:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		5.02		mg/Kg			04/22/23 16:22	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-440-00.3-NA-S

Lab Sample ID: 880-27134-113
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 19:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 19:08	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/13/23 12:55	04/17/23 19:08	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 19:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 19:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*170*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 19:08*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/13/23 12:55*	*04/17/23 19:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/23 12:01	04/15/23 17:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/23 12:01	04/15/23 17:56	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/23 12:01	04/15/23 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*04/14/23 12:01*	*04/15/23 17:56*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/14/23 12:01*	*04/15/23 17:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		4.97		mg/Kg			04/22/23 16:27	1

Client Sample ID: CF-441-00.3-NA-S

Lab Sample ID: 880-27134-114
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 19:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 19:35	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		04/13/23 12:55	04/17/23 19:35	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:55	04/17/23 19:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 19:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:55	04/17/23 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 19:35*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/13/23 12:55*	*04/17/23 19:35*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-441-00.3-NA-S

Lab Sample ID: 880-27134-114
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 18:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 18:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*175*	*S1+*	*70 - 130*	*04/14/23 12:01*	*04/15/23 18:17*	*1*
o-Terphenyl (Surr)	*197*	*S1+*	*70 - 130*	*04/14/23 12:01*	*04/15/23 18:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		5.00		mg/Kg			04/22/23 16:41	1

Client Sample ID: CF-442-00.3-NA-S

Lab Sample ID: 880-27134-115
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:55	04/17/23 20:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:55	04/17/23 20:01	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		04/13/23 12:55	04/17/23 20:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/13/23 12:55	04/17/23 20:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/23 12:55	04/17/23 20:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/23 12:55	04/17/23 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 20:01*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*04/13/23 12:55*	*04/17/23 20:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 18:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 18:39	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-442-00.3-NA-S

Lab Sample ID: 880-27134-115
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/14/23 12:01*	*04/15/23 18:39*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/14/23 12:01*	*04/15/23 18:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.1**		4.99		mg/Kg			04/22/23 16:45	1

Client Sample ID: CF-443-00.3-NA-S

Lab Sample ID: 880-27134-116
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 20:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 20:27	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		04/13/23 12:55	04/17/23 20:27	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/13/23 12:55	04/17/23 20:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 20:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/13/23 12:55	04/17/23 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 20:27*	*1*
1,4-Difluorobenzene (Surr)	*63*	*S1-*	*70 - 130*	*04/13/23 12:55*	*04/17/23 20:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 19:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 19:00	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/14/23 12:01*	*04/15/23 19:00*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/14/23 12:01*	*04/15/23 19:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**155**		5.01		mg/Kg			04/22/23 16:50	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CW-033-02.0-NA-S

Lab Sample ID: 880-27134-117
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 20:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 20:54	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/13/23 12:55	04/17/23 20:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 20:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 20:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*148*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 20:54*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*04/13/23 12:55*	*04/17/23 20:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 19:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/14/23 12:01*	*04/15/23 19:22*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/14/23 12:01*	*04/15/23 19:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		5.03		mg/Kg			04/22/23 16:54	1

Client Sample ID: CW-034-02.0-NA-S

Lab Sample ID: 880-27134-118
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 21:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 21:20	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		04/13/23 12:55	04/17/23 21:20	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 21:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/23 12:55	04/17/23 21:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/23 12:55	04/17/23 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*161*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 21:20*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*04/13/23 12:55*	*04/17/23 21:20*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CW-034-02.0-NA-S

Lab Sample ID: 880-27134-118
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 19:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 19:44	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*04/14/23 12:01*	*04/15/23 19:44*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/14/23 12:01*	*04/15/23 19:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		4.96		mg/Kg			04/22/23 16:59	1

Client Sample ID: CW-035-02.0-NA-S

Lab Sample ID: 880-27134-119
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 21:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 21:46	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		04/13/23 12:55	04/17/23 21:46	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/13/23 12:55	04/17/23 21:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 21:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/23 12:55	04/17/23 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 21:46*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/13/23 12:55*	*04/17/23 21:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 20:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 20:06	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CW-035-02.0-NA-S

Lab Sample ID: 880-27134-119
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*61*	*S1-*	*70 - 130*	*04/14/23 12:01*	*04/15/23 20:06*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/14/23 12:01*	*04/15/23 20:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		4.97		mg/Kg			04/22/23 17:03	1

Client Sample ID: CF-277-00.3-NA-S

Lab Sample ID: 880-27134-120
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:55	04/17/23 22:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:55	04/17/23 22:12	1
Ethylbenzene	<0.00202	U *+	0.00202		mg/Kg		04/13/23 12:55	04/17/23 22:12	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/13/23 12:55	04/17/23 22:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/23 12:55	04/17/23 22:12	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/13/23 12:55	04/17/23 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*04/13/23 12:55*	*04/17/23 22:12*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*04/13/23 12:55*	*04/17/23 22:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/18/23 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 11:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 20:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 20:27	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 12:01	04/15/23 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*42*	*S1-*	*70 - 130*	*04/14/23 12:01*	*04/15/23 20:27*	*1*
o-Terphenyl (Surr)	*43*	*S1-*	*70 - 130*	*04/14/23 12:01*	*04/15/23 20:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**83.1**		4.99		mg/Kg			04/22/23 17:08	1

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-265-00.3-NA-S

Lab Sample ID: 880-27134-121
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F2 F1	0.00198		mg/Kg		04/13/23 15:49	04/18/23 03:19	1
Toluene	<0.00198	U F2 F1	0.00198		mg/Kg		04/13/23 15:49	04/18/23 03:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/13/23 15:49	04/18/23 03:19	1
m,p-Xylenes	<0.00396	U *+	0.00396		mg/Kg		04/13/23 15:49	04/18/23 03:19	1
o-Xylene	<0.00198	U *+ F1	0.00198		mg/Kg		04/13/23 15:49	04/18/23 03:19	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		04/13/23 15:49	04/18/23 03:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/13/23 15:49*	*04/18/23 03:19*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/13/23 15:49*	*04/18/23 03:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/18/23 12:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/23 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 08:16	04/14/23 19:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 08:16	04/14/23 19:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 08:16	04/14/23 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/14/23 08:16*	*04/14/23 19:36*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/14/23 08:16*	*04/14/23 19:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**	**F1**	5.01		mg/Kg			04/20/23 23:59	1

Client Sample ID: CF-266-00.3-NA-P

Lab Sample ID: 880-27134-122
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/23 15:49	04/18/23 03:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/23 15:49	04/18/23 03:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/23 15:49	04/18/23 03:39	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		04/13/23 15:49	04/18/23 03:39	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		04/13/23 15:49	04/18/23 03:39	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		04/13/23 15:49	04/18/23 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*04/13/23 15:49*	*04/18/23 03:39*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/13/23 15:49*	*04/18/23 03:39*	*1*

Client Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-266-00.3-NA-P
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-122
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/18/23 12:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/23 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/23 08:16	04/14/23 19:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/23 08:16	04/14/23 19:58	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/23 08:16	04/14/23 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*61*	*S1-*	*70 - 130*	*04/14/23 08:16*	*04/14/23 19:58*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/14/23 08:16*	*04/14/23 19:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1220**		49.8		mg/Kg			04/21/23 00:14	10

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

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)										
880-27134-1	CF-327-00.3-NA-S	113	79										
880-27134-1 MS	CF-327-00.3-NA-S	124	93										
880-27134-1 MSD	CF-327-00.3-NA-S	108	92										
880-27134-2	CF-328-00.3-NA-S	132 S1+	87										
880-27134-3	CF-329-04.0-NA-S	120	79										
880-27134-4	CF-330-04.0-NA-S	109	84										
880-27134-5	CF-331-04.0-NA-S	112	84										
880-27134-6	CF-332-04.0-NA-S	122	89										
880-27134-7	CF-333-04.0-NA-S	122	83										
880-27134-8	CF-334-04.0-NA-S	123	88										
880-27134-9	CF-335-04.0-NA-S	119	79										
880-27134-10	CF-336-04.0-NA-S	135 S1+	87										
880-27134-11	CF-337-04.0-NA-S	113	76										
880-27134-12	CF-338-04.0-NA-S	125	84										
880-27134-13	CF-339-04.0-NA-S	130	88										
880-27134-14	CF-340-04.0-NA-S	128	85										
880-27134-15	CF-341-04.0-NA-S	115	88										
880-27134-16	CF-342-04.0-NA-S	139 S1+	88										
880-27134-17	CF-343-04.0-NA-S	116	76										
880-27134-18	CF-345-04.0-NA-S	134 S1+	76										
880-27134-19	CF-346-04.0-NA-S	133 S1+	86										
880-27134-20	CF-347-00.3-NA-S	122	79										
880-27134-21	CF-348-00.3-NA-S	114	68 S1-										
880-27134-21 MS	CF-348-00.3-NA-S	123	78										
880-27134-21 MSD	CF-348-00.3-NA-S	144 S1+	93										
880-27134-22	CF-349-00.3-NA-S	129	78										
880-27134-23	CF-350-00.3-NA-S	147 S1+	90										
880-27134-24	CF-351-00.3-NA-S	141 S1+	88										
880-27134-25	CF-352-00.3-NA-S	108	69 S1-										
880-27134-26	CF-353-04.0-NA-S	135 S1+	88										
880-27134-27	CF-354-04.0-NA-S	153 S1+	88										
880-27134-28	CF-355-04.0-NA-S	130	86										
880-27134-29	CF-356-04.0-NA-S	141 S1+	87										
880-27134-30	CF-357-04.0-NA-S	133 S1+	75										
880-27134-31	CF-358-04.0-NA-S	116	81										
880-27134-32	CF-359-04.0-NA-S	150 S1+	86										
880-27134-33	CF-360-04.0-NA-S	129	71										
880-27134-34	CF-361-04.0-NA-S	144 S1+	83										
880-27134-35	CF-362-04.0-NA-S	128	78										
880-27134-36	CF-363-04.0-NA-S	127	80										
880-27134-37	CF-364-04.0-NA-S	125	82										
880-27134-38	CF-365-04.0-NA-S	146 S1+	91										
880-27134-39	CF-366-04.0-NA-S	120	82										
880-27134-40	CF-367-04.0-NA-S	129	81										
880-27134-41	CF-368-04.0-NA-S	99	105										
880-27134-41 MS	CF-368-04.0-NA-S	108	108										
880-27134-41 MSD	CF-368-04.0-NA-S	101	115										
880-27134-42	CF-369-04.0-NA-S	105	99										
880-27134-43	CF-370-00.3-NA-S	147 S1+	103										

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-27134-44	CF-371-00.3-NA-S	79	67 S1-										
880-27134-45	CF-372-00.3-NA-S	89	73										
880-27134-46	CF-373-00.3-NA-S	95	101										
880-27134-47	CF-374-00.3-NA-S	104	103										
880-27134-48	CF-375-00.3-NA-S	97	101										
880-27134-49	CF-376-00.3-NA-S	109	77										
880-27134-50	CF-377-00.3-NA-S	255 S1+	217 S1+										
880-27134-51	CF-378-00.3-NA-S	84	94										
880-27134-52	CF-379-00.3-NA-S	95	107										
880-27134-53	CF-380-00.3-NA-S	102	107										
880-27134-53 MS	CF-380-00.3-NA-S	103	106										
880-27134-53 MSD	CF-380-00.3-NA-S	104	106										
880-27134-54	CF-381-00.3-NA-S	98	103										
880-27134-55	CF-382-00.3-NA-S	85	79										
880-27134-56	CF-383-00.3-NA-S	88	60 S1-										
880-27134-57	CF-384-00.3-NA-S	100	85										
880-27134-58	CF-385-00.3-NA-S	98	104										
880-27134-59	CF-386-00.3-NA-S	101	85										
880-27134-60	CF-387-00.3-NA-S	108	88										
880-27134-61	CF-388-00.3-NA-S	100	79										
880-27134-61 MS	CF-388-00.3-NA-S	104	98										
880-27134-61 MSD	CF-388-00.3-NA-S	102	98										
880-27134-62	CF-389-00.3-NA-S	104	108										
880-27134-63	CF-390-00.3-NA-S	105	116										
880-27134-64	CF-391-00.3-NA-S	109	105										
880-27134-65	CF-392-00.3-NA-S	99	81										
880-27134-66	CF-393-00.3-NA-S	109	109										
880-27134-67	CF-394-00.3-NA-S	100	116										
880-27134-68	CF-395-00.3-NA-S	98	114										
880-27134-69	CF-396-00.3-NA-S	107	86										
880-27134-70	CF-397-00.3-NA-S	96	114										
880-27134-71	CF-398-00.3-NA-S	103	106										
880-27134-72	CF-399-00.3-NA-S	102	107										
880-27134-73	CF-400-00.3-NA-S	105	102										
880-27134-74	CF-401-04.0-NA-S	105	109										
880-27134-75	CF-402-00.3-NA-S	97	105										
880-27134-76	CF-403-00.3-NA-S	103	108										
880-27134-77	CF-404-00.3-NA-S	106	106										
880-27134-78	CF-405-00.3-NA-S	101	108										
880-27134-79	CF-406-00.3-NA-S	104	107										
880-27134-80	CF-407-00.3-NA-S	100	105										
880-27134-81	CF-408-00.3-NA-S	105	104										
880-27134-81 MS	CF-408-00.3-NA-S	104	109										
880-27134-81 MSD	CF-408-00.3-NA-S	107	109										
880-27134-82	CF-409-00.3-NA-S	112	105										
880-27134-83	CF-410-00.3-NA-S	113	105										
880-27134-84	CF-411-00.3-NA-S	112	97										
880-27134-85	CF-412-00.3-NA-S	106	102										
880-27134-86	CF-413-00.3-NA-S	107	105										
880-27134-87	CF-414-00.3-NA-S	109	105										

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-27134-88	CF-415-00.3-NA-S	113	106										
880-27134-89	CF-416-00.3-NA-S	102	100										
880-27134-90	CF-417-00.3-NA-S	105	108										
880-27134-91	CF-418-00.3-NA-S	107	105										
880-27134-92	CF-419-00.3-NA-S	114	105										
880-27134-93	CF-420-00.3-NA-S	104	91										
880-27134-94	CF-421-00.3-NA-S	106	107										
880-27134-95	CF-422-00.3-NA-S	110	109										
880-27134-96	CF-423-00.3-NA-S	115	109										
880-27134-97	CF-424-00.3-NA-S	107	107										
880-27134-98	CF-425-00.3-NA-S	103	105										
880-27134-99	CF-426-00.3-NA-S	102	94										
880-27134-100	CF-427-00.3-NA-S	110	99										
880-27134-101	CF-428-00.3-NA-S	155 S1+	81										
880-27134-101 MS	CF-428-00.3-NA-S	126	84										
880-27134-101 MSD	CF-428-00.3-NA-S	139 S1+	76										
880-27134-102	CF-429-00.3-NA-S	143 S1+	76										
880-27134-103	CF-430-00.3-NA-S	149 S1+	78										
880-27134-104	CF-431-00.3-NA-S	160 S1+	76										
880-27134-105	CF-432-00.3-NA-S	133 S1+	68 S1-										
880-27134-106	CF-433-00.3-NA-S	113	62 S1-										
880-27134-107	CF-434-00.3-NA-S	156 S1+	71										
880-27134-108	CF-435-00.3-NA-S	163 S1+	81										
880-27134-109	CF-436-00.3-NA-S	153 S1+	72										
880-27134-110	CF-437-00.3-NA-S	158 S1+	68 S1-										
880-27134-111	CF-438-00.3-NA-S	144 S1+	77										
880-27134-112	CF-439-00.3-NA-S	156 S1+	88										
880-27134-113	CF-440-00.3-NA-S	170 S1+	84										
880-27134-114	CF-441-00.3-NA-S	155 S1+	79										
880-27134-115	CF-442-00.3-NA-S	152 S1+	75										
880-27134-116	CF-443-00.3-NA-S	131 S1+	63 S1-										
880-27134-117	CW-033-02.0-NA-S	148 S1+	72										
880-27134-118	CW-034-02.0-NA-S	161 S1+	71										
880-27134-119	CW-035-02.0-NA-S	131 S1+	79										
880-27134-120	CF-277-00.3-NA-S	152 S1+	75										
880-27134-121	CF-265-00.3-NA-S	120	93										
880-27134-121 MS	CF-265-00.3-NA-S	139 S1+	85										
880-27134-121 MSD	CF-265-00.3-NA-S	132 S1+	91										
880-27134-122	CF-266-00.3-NA-P	130	90										
LCS 880-51073/1-A	Lab Control Sample	117	94										
LCS 880-51074/1-A	Lab Control Sample	107	83										
LCS 880-51075/1-A	Lab Control Sample	112	114										
LCS 880-51076/1-A	Lab Control Sample	106	98										
LCS 880-51077/1-A	Lab Control Sample	97	118										
LCS 880-51078/1-A	Lab Control Sample	124	74										
LCS 880-51109/1-A	Lab Control Sample	132 S1+	92										
LCS 880-51262/1-A	Lab Control Sample	98	106										
LCSD 880-51073/2-A	Lab Control Sample Dup	110	95										
LCSD 880-51074/2-A	Lab Control Sample Dup	111	80										
LCSD 880-51075/2-A	Lab Control Sample Dup	112	118										

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
LCSD 880-51076/2-A	Lab Control Sample Dup	90	104
LCSD 880-51077/2-A	Lab Control Sample Dup	107	111
LCSD 880-51078/2-A	Lab Control Sample Dup	132 S1+	79
LCSD 880-51109/2-A	Lab Control Sample Dup	122	94
LCSD 880-51262/2-A	Lab Control Sample Dup	105	108
MB 880-50838/5-A	Method Blank	68 S1-	80
MB 880-51035/5-A	Method Blank	94	88
MB 880-51054/5-A	Method Blank	74	97
MB 880-51072/5-A	Method Blank	102	86
MB 880-51073/5-A	Method Blank	71	79
MB 880-51074/5-A	Method Blank	73	79
MB 880-51075/5-A	Method Blank	72	80
MB 880-51076/5-A	Method Blank	93	92
MB 880-51077/5-A	Method Blank	94	96
MB 880-51078/5-A	Method Blank	82	77
MB 880-51109/5-A	Method Blank	105	78
MB 880-51138/101	Method Blank	94	96
MB 880-51194/5-A	Method Blank	94	99
MB 880-51262/18-A	Method Blank	91	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-27134-1	CF-327-00.3-NA-S	103	103
880-27134-1 MS	CF-327-00.3-NA-S	116	100
880-27134-1 MSD	CF-327-00.3-NA-S	120	104
880-27134-2	CF-328-00.3-NA-S	106	98
880-27134-3	CF-329-04.0-NA-S	97	91
880-27134-4	CF-330-04.0-NA-S	107	100
880-27134-5	CF-331-04.0-NA-S	117	111
880-27134-6	CF-332-04.0-NA-S	122	115
880-27134-7	CF-333-04.0-NA-S	129	122
880-27134-8	CF-334-04.0-NA-S	122	113
880-27134-9	CF-335-04.0-NA-S	123	118
880-27134-10	CF-336-04.0-NA-S	117	110
880-27134-11	CF-337-04.0-NA-S	125	117
880-27134-12	CF-338-04.0-NA-S	120	114
880-27134-13	CF-339-04.0-NA-S	121	113
880-27134-14	CF-340-04.0-NA-S	123	114
880-27134-15	CF-341-04.0-NA-S	124	115
880-27134-16	CF-342-04.0-NA-S	129	121
880-27134-17	CF-343-04.0-NA-S	131 S1+	122
880-27134-18	CF-345-04.0-NA-S	127	117
880-27134-19	CF-346-04.0-NA-S	122	116

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
880-27134-20	CF-347-00.3-NA-S	235 S1+	222 S1+										
880-27134-21	CF-348-00.3-NA-S	70	71										
880-27134-21 MS	CF-348-00.3-NA-S	79	72										
880-27134-21 MSD	CF-348-00.3-NA-S	78	70										
880-27134-22	CF-349-00.3-NA-S	69 S1-	69 S1-										
880-27134-23	CF-350-00.3-NA-S	72	72										
880-27134-24	CF-351-00.3-NA-S	66 S1-	66 S1-										
880-27134-25	CF-352-00.3-NA-S	69 S1-	68 S1-										
880-27134-26	CF-353-04.0-NA-S	66 S1-	66 S1-										
880-27134-27	CF-354-04.0-NA-S	65 S1-	65 S1-										
880-27134-28	CF-355-04.0-NA-S	69 S1-	69 S1-										
880-27134-29	CF-356-04.0-NA-S	65 S1-	66 S1-										
880-27134-30	CF-357-04.0-NA-S	63 S1-	62 S1-										
880-27134-31	CF-358-04.0-NA-S	67 S1-	67 S1-										
880-27134-32	CF-359-04.0-NA-S	65 S1-	65 S1-										
880-27134-33	CF-360-04.0-NA-S	63 S1-	64 S1-										
880-27134-34	CF-361-04.0-NA-S	62 S1-	62 S1-										
880-27134-35	CF-362-04.0-NA-S	62 S1-	62 S1-										
880-27134-36	CF-363-04.0-NA-S	70	70										
880-27134-37	CF-364-04.0-NA-S	65 S1-	66 S1-										
880-27134-38	CF-365-04.0-NA-S	61 S1-	62 S1-										
880-27134-39	CF-366-04.0-NA-S	65 S1-	65 S1-										
880-27134-40	CF-367-04.0-NA-S	73	73										
880-27134-41	CF-368-04.0-NA-S	74	77										
880-27134-41 MS	CF-368-04.0-NA-S	74	67 S1-										
880-27134-41 MSD	CF-368-04.0-NA-S	74	67 S1-										
880-27134-42	CF-369-04.0-NA-S	69 S1-	71										
880-27134-43	CF-370-00.3-NA-S	70	71										
880-27134-44	CF-371-00.3-NA-S	67 S1-	65 S1-										
880-27134-45	CF-372-00.3-NA-S	66 S1-	64 S1-										
880-27134-46	CF-373-00.3-NA-S	68 S1-	66 S1-										
880-27134-47	CF-374-00.3-NA-S	70	70										
880-27134-48	CF-375-00.3-NA-S	68 S1-	67 S1-										
880-27134-49	CF-376-00.3-NA-S	66 S1-	65 S1-										
880-27134-50	CF-377-00.3-NA-S	63 S1-	61 S1-										
880-27134-51	CF-378-00.3-NA-S	65 S1-	64 S1-										
880-27134-52	CF-379-00.3-NA-S	66 S1-	64 S1-										
880-27134-53	CF-380-00.3-NA-S	64 S1-	63 S1-										
880-27134-54	CF-381-00.3-NA-S	64 S1-	62 S1-										
880-27134-55	CF-382-00.3-NA-S	65 S1-	65 S1-										
880-27134-56	CF-383-00.3-NA-S	63 S1-	62 S1-										
880-27134-57	CF-384-00.3-NA-S	64 S1-	64 S1-										
880-27134-58	CF-385-00.3-NA-S	63 S1-	60 S1-										
880-27134-59	CF-386-00.3-NA-S	66 S1-	63 S1-										
880-27134-60	CF-387-00.3-NA-S	65 S1-	62 S1-										
880-27134-61	CF-388-00.3-NA-S	117	84										
880-27134-61 MS	CF-388-00.3-NA-S	222 S1+	150 S1+										
880-27134-61 MSD	CF-388-00.3-NA-S	242 S1+	174 S1+										
880-27134-62	CF-389-00.3-NA-S	117	86										
880-27134-63	CF-390-00.3-NA-S	112	85										

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
880-27134-64	CF-391-00.3-NA-S	116	87										
880-27134-65	CF-392-00.3-NA-S	104	79										
880-27134-66	CF-393-00.3-NA-S	110	83										
880-27134-67	CF-394-00.3-NA-S	110	82										
880-27134-68	CF-395-00.3-NA-S	141 S1+	107										
880-27134-69	CF-396-00.3-NA-S	107	78										
880-27134-70	CF-397-00.3-NA-S	130	101										
880-27134-71	CF-398-00.3-NA-S	126	104										
880-27134-71 MS	CF-398-00.3-NA-S	143 S1+	106										
880-27134-71 MSD	CF-398-00.3-NA-S	142 S1+	103										
880-27134-72	CF-399-00.3-NA-S	125	96										
880-27134-73	CF-400-00.3-NA-S	137 S1+	109										
880-27134-74	CF-401-04.0-NA-S	133 S1+	105										
880-27134-75	CF-402-00.3-NA-S	121	94										
880-27134-76	CF-403-00.3-NA-S	139 S1+	108										
880-27134-77	CF-404-00.3-NA-S	146 S1+	116										
880-27134-78	CF-405-00.3-NA-S	135 S1+	105										
880-27134-79	CF-406-00.3-NA-S	120	90										
880-27134-80	CF-407-00.3-NA-S	117	90										
880-27134-81	CF-408-00.3-NA-S	120	113										
880-27134-81 MS	CF-408-00.3-NA-S	121	105										
880-27134-81 MSD	CF-408-00.3-NA-S	116	102										
880-27134-82	CF-409-00.3-NA-S	117	111										
880-27134-83	CF-410-00.3-NA-S	115	107										
880-27134-84	CF-411-00.3-NA-S	112	102										
880-27134-85	CF-412-00.3-NA-S	117	110										
880-27134-86	CF-413-00.3-NA-S	122	114										
880-27134-87	CF-414-00.3-NA-S	116	108										
880-27134-88	CF-415-00.3-NA-S	103	101										
880-27134-89	CF-416-00.3-NA-S	111	104										
880-27134-90	CF-417-00.3-NA-S	99	91										
880-27134-91	CF-418-00.3-NA-S	127	106										
880-27134-92	CF-419-00.3-NA-S	110	86										
880-27134-93	CF-420-00.3-NA-S	117	95										
880-27134-94	CF-421-00.3-NA-S	115	90										
880-27134-95	CF-422-00.3-NA-S	109	89										
880-27134-96	CF-423-00.3-NA-S	109	89										
880-27134-97	CF-424-00.3-NA-S	107	82										
880-27134-98	CF-425-00.3-NA-S	113	90										
880-27134-99	CF-426-00.3-NA-S	112	93										
880-27134-100	CF-427-00.3-NA-S	108	85										
880-27134-101	CF-428-00.3-NA-S	90	102										
880-27134-101 MS	CF-428-00.3-NA-S	75	86										
880-27134-101 MSD	CF-428-00.3-NA-S	75	78										
880-27134-102	CF-429-00.3-NA-S	110	117										
880-27134-103	CF-430-00.3-NA-S	78	85										
880-27134-104	CF-431-00.3-NA-S	84	89										
880-27134-105	CF-432-00.3-NA-S	74	77										
880-27134-106	CF-433-00.3-NA-S	104	116										
880-27134-107	CF-434-00.3-NA-S	106	121										

Surrogate Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
880-27134-108	CF-435-00.3-NA-S	124	140 S1+										
880-27134-109	CF-436-00.3-NA-S	71	77										
880-27134-110	CF-437-00.3-NA-S	74	87										
880-27134-111	CF-438-00.3-NA-S	72	85										
880-27134-112	CF-439-00.3-NA-S	81	91										
880-27134-113	CF-440-00.3-NA-S	71	79										
880-27134-114	CF-441-00.3-NA-S	175 S1+	197 S1+										
880-27134-115	CF-442-00.3-NA-S	81	93										
880-27134-116	CF-443-00.3-NA-S	99	109										
880-27134-117	CW-033-02.0-NA-S	111	117										
880-27134-118	CW-034-02.0-NA-S	91	103										
880-27134-119	CW-035-02.0-NA-S	61 S1-	79										
880-27134-120	CF-277-00.3-NA-S	42 S1-	43 S1-										
880-27134-121	CF-265-00.3-NA-S	113	87										
880-27134-122	CF-266-00.3-NA-P	61 S1-	92										
LCS 880-51112/2-A	Lab Control Sample	110	118										
LCS 880-51141/2-A	Lab Control Sample	108	82										
LCS 880-51149/2-A	Lab Control Sample	75	74										
LCS 880-51170/2-A	Lab Control Sample	70	70										
LCS 880-51171/2-A	Lab Control Sample	101	81										
LCS 880-51184/2-A	Lab Control Sample	133 S1+	132 S1+										
LCS 880-51186/2-A	Lab Control Sample	82	101										
LCS 880-51245/2-A	Lab Control Sample	120	94										
LCSD 880-51112/3-A	Lab Control Sample Dup	111	109										
LCSD 880-51141/3-A	Lab Control Sample Dup	94	81										
LCSD 880-51149/3-A	Lab Control Sample Dup	76	77										
LCSD 880-51170/3-A	Lab Control Sample Dup	74	75										
LCSD 880-51171/3-A	Lab Control Sample Dup	104	77										
LCSD 880-51184/3-A	Lab Control Sample Dup	131 S1+	130										
LCSD 880-51186/3-A	Lab Control Sample Dup	80	95										
LCSD 880-51245/3-A	Lab Control Sample Dup	114	89										
MB 880-51112/1-A	Method Blank	101	113										
MB 880-51141/1-A	Method Blank	160 S1+	142 S1+										
MB 880-51149/1-A	Method Blank	87	95										
MB 880-51170/1-A	Method Blank	89	98										
MB 880-51171/1-A	Method Blank	156 S1+	121										
MB 880-51184/1-A	Method Blank	165 S1+	165 S1+										
MB 880-51186/1-A	Method Blank	120	144 S1+										
MB 880-51245/1-A	Method Blank	192 S1+	151 S1+										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-50838/5-A
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50838

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 11:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/23 14:45	04/14/23 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/23 14:45	04/14/23 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/23 14:45	04/14/23 11:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*04/10/23 14:45*	*04/14/23 11:47*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/10/23 14:45*	*04/14/23 11:47*	*1*

Lab Sample ID: MB 880-51035/5-A
Matrix: Solid
Analysis Batch: 51140

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51035

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 10:15	04/14/23 21:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 10:15	04/14/23 21:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 10:15	04/14/23 21:44	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/13/23 10:15	04/14/23 21:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 10:15	04/14/23 21:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/23 10:15	04/14/23 21:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/13/23 10:15*	*04/14/23 21:44*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/13/23 10:15*	*04/14/23 21:44*	*1*

Lab Sample ID: MB 880-51054/5-A
Matrix: Solid
Analysis Batch: 51139

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51054

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 11:19	04/14/23 21:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 11:19	04/14/23 21:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 11:19	04/14/23 21:37	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/13/23 11:19	04/14/23 21:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 11:19	04/14/23 21:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/23 11:19	04/14/23 21:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*04/13/23 11:19*	*04/14/23 21:37*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/13/23 11:19*	*04/14/23 21:37*	*1*

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-51072/5-A
Matrix: Solid
Analysis Batch: 51295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51072

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:13	04/17/23 15:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:13	04/17/23 15:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:13	04/17/23 15:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/13/23 12:13	04/17/23 15:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:13	04/17/23 15:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/23 12:13	04/17/23 15:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/13/23 12:13*	*04/17/23 15:20*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/13/23 12:13*	*04/17/23 15:20*	*1*

Lab Sample ID: MB 880-51073/5-A
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51073

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 01:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 01:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 01:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/13/23 12:35	04/15/23 01:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:35	04/15/23 01:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/23 12:35	04/15/23 01:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*04/13/23 12:35*	*04/15/23 01:28*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/13/23 12:35*	*04/15/23 01:28*	*1*

Lab Sample ID: LCS 880-51073/1-A
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51073

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1155		mg/Kg		115	70 - 130		
Toluene			0.100	0.1128		mg/Kg		113	70 - 130		
Ethylbenzene			0.100	0.1155		mg/Kg		115	70 - 130		
m,p-Xylenes			0.200	0.2278		mg/Kg		114	70 - 130		
o-Xylene			0.100	0.1161		mg/Kg		116	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-51073/2-A
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51073

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1119		mg/Kg		112	70 - 130	3	35

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-51073/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 51137 — **Prep Batch: 51073**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1070		mg/Kg		107	70 - 130	5	35
Ethylbenzene			0.100	0.1101		mg/Kg		110	70 - 130	5	35
m,p-Xylenes			0.200	0.2180		mg/Kg		109	70 - 130	4	35
o-Xylene			0.100	0.1113		mg/Kg		111	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-27134-1 MS — **Client Sample ID: CF-327-00.3-NA-S**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 51137 — **Prep Batch: 51073**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0998	0.09077		mg/Kg		91	70 - 130
Toluene	<0.00199	U	0.0998	0.08331		mg/Kg		83	70 - 130
Ethylbenzene	<0.00199	U	0.0998	0.08889		mg/Kg		89	70 - 130
m,p-Xylenes	<0.00398	U	0.200	0.1733		mg/Kg		87	70 - 130
o-Xylene	<0.00199	U	0.0998	0.08956		mg/Kg		90	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 880-27134-1 MSD — **Client Sample ID: CF-327-00.3-NA-S**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 51137 — **Prep Batch: 51073**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.07795		mg/Kg		78	70 - 130	15	35
Toluene	<0.00199	U	0.100	0.07425		mg/Kg		74	70 - 130	11	35
Ethylbenzene	<0.00199	U	0.100	0.07602		mg/Kg		76	70 - 130	16	35
m,p-Xylenes	<0.00398	U	0.201	0.1491		mg/Kg		74	70 - 130	15	35
o-Xylene	<0.00199	U	0.100	0.07599		mg/Kg		76	70 - 130	16	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 880-51074/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 51137 — **Prep Batch: 51074**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/15/23 18:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/15/23 18:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/15/23 18:04	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/13/23 12:37	04/15/23 18:04	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-51074/5-A
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51074

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:37	04/15/23 18:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/23 12:37	04/15/23 18:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*70 - 130*	*04/13/23 12:37*	*04/15/23 18:04*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/13/23 12:37*	*04/15/23 18:04*	*1*

Lab Sample ID: LCS 880-51074/1-A
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51074

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08809		mg/Kg		88	70 - 130		
Toluene			0.100	0.08905		mg/Kg		89	70 - 130		
Ethylbenzene			0.100	0.09010		mg/Kg		90	70 - 130		
m,p-Xylenes			0.200	0.1796		mg/Kg		90	70 - 130		
o-Xylene			0.100	0.09214		mg/Kg		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: LCSD 880-51074/2-A
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51074

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09190		mg/Kg		92	70 - 130	4	35
Toluene			0.100	0.09033		mg/Kg		90	70 - 130	1	35
Ethylbenzene			0.100	0.09149		mg/Kg		91	70 - 130	2	35
m,p-Xylenes			0.200	0.1802		mg/Kg		90	70 - 130	0	35
o-Xylene			0.100	0.09324		mg/Kg		93	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*

Lab Sample ID: 880-27134-21 MS
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: CF-348-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51074

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U F2 F1	0.101	0.07515		mg/Kg		75	70 - 130		
Toluene	<0.00201	U F2 F1	0.101	0.06702	F1	mg/Kg		66	70 - 130		
Ethylbenzene	<0.00201	U F2 F1	0.101	0.07429		mg/Kg		74	70 - 130		
m,p-Xylenes	<0.00402	U F2 F1	0.202	0.1426		mg/Kg		71	70 - 130		
o-Xylene	<0.00201	U F2 F1	0.101	0.07625		mg/Kg		76	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-27134-21 MS
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: CF-348-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51074

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	78		70 - 130

Lab Sample ID: 880-27134-21 MSD
Matrix: Solid
Analysis Batch: 51137

Client Sample ID: CF-348-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51074

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F2 F1	0.0990	0.02889	F2 F1	mg/Kg		29	70 - 130	89	35
Toluene	<0.00201	U F2 F1	0.0990	0.02803	F2 F1	mg/Kg		28	70 - 130	82	35
Ethylbenzene	<0.00201	U F2 F1	0.0990	0.03623	F2 F1	mg/Kg		37	70 - 130	69	35
m,p-Xylenes	<0.00402	U F2 F1	0.198	0.07134	F2 F1	mg/Kg		36	70 - 130	67	35
o-Xylene	<0.00201	U F2 F1	0.0990	0.04467	F2 F1	mg/Kg		45	70 - 130	52	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-51075/5-A
Matrix: Solid
Analysis Batch: 51139

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51075

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 08:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 08:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 08:12	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/13/23 12:38	04/15/23 08:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:38	04/15/23 08:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/23 12:38	04/15/23 08:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	04/13/23 12:38	04/15/23 08:12	1
1,4-Difluorobenzene (Surr)	80		70 - 130	04/13/23 12:38	04/15/23 08:12	1

Lab Sample ID: LCS 880-51075/1-A
Matrix: Solid
Analysis Batch: 51139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51075

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1154		mg/Kg		115	70 - 130		
Toluene			0.100	0.1049		mg/Kg		105	70 - 130		
Ethylbenzene			0.100	0.1021		mg/Kg		102	70 - 130		
m,p-Xylenes			0.200	0.2075		mg/Kg		104	70 - 130		
o-Xylene			0.100	0.1054		mg/Kg		105	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130

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QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-51075/1-A
Matrix: Solid
Analysis Batch: 51139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51075

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: LCSD 880-51075/2-A
Matrix: Solid
Analysis Batch: 51139

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51075

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1078		mg/Kg		108	70 - 130	7	35
Toluene			0.100	0.09452		mg/Kg		95	70 - 130	10	35
Ethylbenzene			0.100	0.09594		mg/Kg		96	70 - 130	6	35
m,p-Xylenes			0.200	0.1975		mg/Kg		99	70 - 130	5	35
o-Xylene			0.100	0.1011		mg/Kg		101	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 880-27134-41 MS
Matrix: Solid
Analysis Batch: 51139

Client Sample ID: CF-368-04.0-NA-S
Prep Type: Total/NA
Prep Batch: 51075

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U	0.100	0.07573		mg/Kg		76	70 - 130		
Toluene	<0.00202	U F1	0.100	0.06722	F1	mg/Kg		67	70 - 130		
Ethylbenzene	<0.00202	U	0.100	0.07129		mg/Kg		71	70 - 130		
m,p-Xylenes	<0.00403	U F1	0.200	0.1445		mg/Kg		72	70 - 130		
o-Xylene	<0.00202	U	0.100	0.07677		mg/Kg		77	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-27134-41 MSD
Matrix: Solid
Analysis Batch: 51139

Client Sample ID: CF-368-04.0-NA-S
Prep Type: Total/NA
Prep Batch: 51075

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0990	0.09414		mg/Kg		95	70 - 130	22	35
Toluene	<0.00202	U F1	0.0990	0.07290		mg/Kg		74	70 - 130	8	35
Ethylbenzene	<0.00202	U	0.0990	0.07077		mg/Kg		71	70 - 130	1	35
m,p-Xylenes	<0.00403	U F1	0.198	0.1370	F1	mg/Kg		69	70 - 130	5	35
o-Xylene	<0.00202	U	0.0990	0.07194		mg/Kg		73	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-51076/5-A
Matrix: Solid
Analysis Batch: 51140

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51076

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 08:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 08:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 08:26	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/13/23 12:39	04/15/23 08:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:39	04/15/23 08:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/23 12:39	04/15/23 08:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/13/23 12:39*	*04/15/23 08:26*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/13/23 12:39*	*04/15/23 08:26*	*1*

Lab Sample ID: LCS 880-51076/1-A
Matrix: Solid
Analysis Batch: 51140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51076

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1008		mg/Kg		101	70 - 130		
Toluene			0.100	0.1054		mg/Kg		105	70 - 130		
Ethylbenzene			0.100	0.1070		mg/Kg		107	70 - 130		
m,p-Xylenes			0.200	0.2314		mg/Kg		116	70 - 130		
o-Xylene			0.100	0.1010		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 880-51076/2-A
Matrix: Solid
Analysis Batch: 51140

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51076

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1142		mg/Kg		114	70 - 130	12	35
Toluene			0.100	0.1060		mg/Kg		106	70 - 130	1	35
Ethylbenzene			0.100	0.09867		mg/Kg		99	70 - 130	8	35
m,p-Xylenes			0.200	0.1965		mg/Kg		98	70 - 130	16	35
o-Xylene			0.100	0.08831		mg/Kg		88	70 - 130	13	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-27134-61 MS
Matrix: Solid
Analysis Batch: 51140

Client Sample ID: CF-388-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51076

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U F1 F2	0.101	0.05246	F1	mg/Kg		52	70 - 130		
Toluene	<0.00201	U F1 F2	0.101	0.05473	F1	mg/Kg		54	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-27134-61 MS | **Client Sample ID: CF-388-00.3-NA-S**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 51140 | **Prep Batch: 51076**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U F1	0.101	0.05696	F1	mg/Kg		57	70 - 130
m,p-Xylenes	<0.00402	U F1	0.202	0.1158	F1	mg/Kg		57	70 - 130
o-Xylene	<0.00201	U F1	0.101	0.05465	F1	mg/Kg		54	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-27134-61 MSD | **Client Sample ID: CF-388-00.3-NA-S**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 51140 | **Prep Batch: 51076**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1 F2	0.0990	0.08705	F2	mg/Kg		88	70 - 130	50	35
Toluene	<0.00201	U F1 F2	0.0990	0.08236	F2	mg/Kg		83	70 - 130	40	35
Ethylbenzene	<0.00201	U F1	0.0990	0.08092		mg/Kg		82	70 - 130	35	35
m,p-Xylenes	<0.00402	U F1	0.198	0.1606		mg/Kg		81	70 - 130	32	35
o-Xylene	<0.00201	U F1	0.0990	0.07331		mg/Kg		74	70 - 130	29	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 880-51077/5-A | **Client Sample ID: Method Blank**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 51138 | **Prep Batch: 51077**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/13/23 12:42	04/15/23 15:49	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/13/23 12:42	04/15/23 15:49	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/13/23 12:42	04/15/23 15:49	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		04/13/23 12:42	04/15/23 15:49	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/13/23 12:42	04/15/23 15:49	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/13/23 12:42	04/15/23 15:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/13/23 12:42*	*04/15/23 15:49*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/13/23 12:42*	*04/15/23 15:49*	*1*

Lab Sample ID: LCS 880-51077/1-A | **Client Sample ID: Lab Control Sample**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 51138 | **Prep Batch: 51077**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1066		mg/Kg		107	70 - 130
Toluene	0.100	0.1060		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.09675		mg/Kg		97	70 - 130
m,p-Xylenes	0.200	0.1918		mg/Kg		96	70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-51077/1-A
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51077

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09812		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*

Lab Sample ID: LCSD 880-51077/2-A
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51077

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1088		mg/Kg		109	70 - 130	2	35
Toluene			0.100	0.1060		mg/Kg		106	70 - 130	0	35
Ethylbenzene			0.100	0.09776		mg/Kg		98	70 - 130	1	35
m,p-Xylenes			0.200	0.1940		mg/Kg		97	70 - 130	1	35
o-Xylene			0.100	0.1004		mg/Kg		100	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: 880-27134-81 MS
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: CF-408-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51077

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00198	U	0.0998	0.08157		mg/Kg		82	70 - 130		
Toluene	<0.00198	U	0.0998	0.07211		mg/Kg		72	70 - 130		
Ethylbenzene	<0.00198	U F1	0.0998	0.06685	F1	mg/Kg		67	70 - 130		
m,p-Xylenes	<0.00396	U F1	0.200	0.1290	F1	mg/Kg		65	70 - 130		
o-Xylene	<0.00198	U F1	0.0998	0.06945	F1	mg/Kg		69	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-27134-81 MSD
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: CF-408-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51077

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.08997		mg/Kg		90	70 - 130	10	35
Toluene	<0.00198	U	0.100	0.07890		mg/Kg		79	70 - 130	9	35
Ethylbenzene	<0.00198	U F1	0.100	0.07643		mg/Kg		76	70 - 130	13	35
m,p-Xylenes	<0.00396	U F1	0.201	0.1472		mg/Kg		73	70 - 130	13	35
o-Xylene	<0.00198	U F1	0.100	0.07930		mg/Kg		79	70 - 130	13	35

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-27134-81 MSD
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: CF-408-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51077

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: MB 880-51078/5-A
Matrix: Solid
Analysis Batch: 51274

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51078

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 11:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 11:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 11:36	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/13/23 12:55	04/17/23 11:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/23 12:55	04/17/23 11:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/23 12:55	04/17/23 11:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	04/13/23 12:55	04/17/23 11:36	1
1,4-Difluorobenzene (Surr)	77		70 - 130	04/13/23 12:55	04/17/23 11:36	1

Lab Sample ID: LCS 880-51078/1-A
Matrix: Solid
Analysis Batch: 51274

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51078

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1250		mg/Kg		125	70 - 130		
Toluene			0.100	0.1279		mg/Kg		128	70 - 130		
Ethylbenzene			0.100	0.1312	*+	mg/Kg		131	70 - 130		
m,p-Xylenes			0.200	0.2599		mg/Kg		130	70 - 130		
o-Xylene			0.100	0.1277		mg/Kg		128	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	74		70 - 130

Lab Sample ID: LCSD 880-51078/2-A
Matrix: Solid
Analysis Batch: 51274

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51078

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1194		mg/Kg		119	70 - 130	5	35
Toluene			0.100	0.1192		mg/Kg		119	70 - 130	7	35
Ethylbenzene			0.100	0.1260		mg/Kg		126	70 - 130	4	35
m,p-Xylenes			0.200	0.2516		mg/Kg		126	70 - 130	3	35
o-Xylene			0.100	0.1275		mg/Kg		128	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-51078/2-A
Matrix: Solid
Analysis Batch: 51274

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51078

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	79		70 - 130

Lab Sample ID: 880-27134-101 MS
Matrix: Solid
Analysis Batch: 51274

Client Sample ID: CF-428-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51078

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1219		mg/Kg		122	70 - 130
Toluene	<0.00202	U	0.100	0.1159		mg/Kg		116	70 - 130
Ethylbenzene	<0.00202	U *+	0.100	0.1039		mg/Kg		104	70 - 130
m,p-Xylenes	<0.00404	U	0.200	0.2166		mg/Kg		108	70 - 130
o-Xylene	<0.00202	U	0.100	0.1134		mg/Kg		113	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-27134-101 MSD
Matrix: Solid
Analysis Batch: 51274

Client Sample ID: CF-428-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51078

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0996	0.1141		mg/Kg		115	70 - 130	7	35
Toluene	<0.00202	U	0.0996	0.1138		mg/Kg		114	70 - 130	2	35
Ethylbenzene	<0.00202	U *+	0.0996	0.1142		mg/Kg		115	70 - 130	9	35
m,p-Xylenes	<0.00404	U	0.199	0.2266		mg/Kg		114	70 - 130	4	35
o-Xylene	<0.00202	U	0.0996	0.1139		mg/Kg		114	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130
1,4-Difluorobenzene (Surr)	76		70 - 130

Lab Sample ID: MB 880-51109/5-A
Matrix: Solid
Analysis Batch: 51295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51109

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/13/23 15:49	04/18/23 02:57	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/13/23 15:49	04/18/23 02:57	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/13/23 15:49	04/18/23 02:57	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		04/13/23 15:49	04/18/23 02:57	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/13/23 15:49	04/18/23 02:57	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/13/23 15:49	04/18/23 02:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/13/23 15:49	04/18/23 02:57	1
1,4-Difluorobenzene (Surr)	78		70 - 130	04/13/23 15:49	04/18/23 02:57	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-51109/1-A
Matrix: Solid
Analysis Batch: 51295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51109

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1024		mg/Kg		102	70 - 130		
Toluene			0.100	0.1221		mg/Kg		122	70 - 130		
Ethylbenzene			0.100	0.1256		mg/Kg		126	70 - 130		
m,p-Xylenes			0.200	0.2654	*+	mg/Kg		133	70 - 130		
o-Xylene			0.100	0.1526	*+	mg/Kg		153	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-51109/2-A
Matrix: Solid
Analysis Batch: 51295

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51109

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1026		mg/Kg		103	70 - 130	0	35
Toluene			0.100	0.1149		mg/Kg		115	70 - 130	6	35
Ethylbenzene			0.100	0.1146		mg/Kg		115	70 - 130	9	35
m,p-Xylenes			0.200	0.2389		mg/Kg		119	70 - 130	11	35
o-Xylene			0.100	0.1380	*+	mg/Kg		138	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-27134-121 MS
Matrix: Solid
Analysis Batch: 51295

Client Sample ID: CF-265-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51109

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00198	U F2 F1	0.0998	0.04703	F1	mg/Kg		47	70 - 130		
Toluene	<0.00198	U F2 F1	0.0998	0.06910	F1	mg/Kg		69	70 - 130		
Ethylbenzene	<0.00198	U	0.0998	0.08123		mg/Kg		81	70 - 130		
m,p-Xylenes	<0.00396	U *+	0.200	0.1685		mg/Kg		84	70 - 130		
o-Xylene	<0.00198	U *+ F1	0.0998	0.1010		mg/Kg		101	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*

Lab Sample ID: 880-27134-121 MSD
Matrix: Solid
Analysis Batch: 51295

Client Sample ID: CF-265-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51109

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U F2 F1	0.100	0.09040	F2	mg/Kg		90	70 - 130	63	35
Toluene	<0.00198	U F2 F1	0.100	0.1102	F2	mg/Kg		110	70 - 130	46	35
Ethylbenzene	<0.00198	U	0.100	0.1104		mg/Kg		110	70 - 130	30	35

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-27134-121 MSD
Matrix: Solid
Analysis Batch: 51295

Client Sample ID: CF-265-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51109

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00396	U *+	0.201	0.2291		mg/Kg		114	70 - 130	30	35
o-Xylene	<0.00198	U *+ F1	0.100	0.1332	F1	mg/Kg		133	70 - 130	28	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: MB 880-51138/101
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			04/16/23 03:25	1
Toluene	<0.00200	U	0.00200		mg/Kg			04/16/23 03:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			04/16/23 03:25	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg			04/16/23 03:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			04/16/23 03:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			04/16/23 03:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*04/16/23 03:25*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*		*04/16/23 03:25*	*1*

Lab Sample ID: MB 880-51194/5-A
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51194

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/14/23 12:50	04/15/23 00:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/14/23 12:50	04/15/23 00:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/14/23 12:50	04/15/23 00:29	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/14/23 12:50	04/15/23 00:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/14/23 12:50	04/15/23 00:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/14/23 12:50	04/15/23 00:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/14/23 12:50*	*04/15/23 00:29*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/14/23 12:50*	*04/15/23 00:29*	*1*

Lab Sample ID: MB 880-51262/18-A
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51262

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 15:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 15:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 15:02	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/16/23 11:51	04/16/23 15:02	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-51262/18-A
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51262

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/16/23 11:51	04/16/23 15:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/16/23 11:51	04/16/23 15:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/16/23 11:51*	*04/16/23 15:02*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/16/23 11:51*	*04/16/23 15:02*	*1*

Lab Sample ID: LCS 880-51262/1-A
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51262

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08177		mg/Kg		82	70 - 130		
Toluene			0.100	0.07935		mg/Kg		79	70 - 130		
Ethylbenzene			0.100	0.07467		mg/Kg		75	70 - 130		
m,p-Xylenes			0.200	0.1485		mg/Kg		74	70 - 130		
o-Xylene			0.100	0.07543		mg/Kg		75	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-51262/2-A
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51262

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1112		mg/Kg		111	70 - 130	30	35
Toluene			0.100	0.1093		mg/Kg		109	70 - 130	32	35
Ethylbenzene			0.100	0.09997		mg/Kg		100	70 - 130	29	35
m,p-Xylenes			0.200	0.1983		mg/Kg		99	70 - 130	29	35
o-Xylene			0.100	0.09949		mg/Kg		99	70 - 130	28	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 880-27134-53 MS
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: CF-380-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09291		mg/Kg		93	70 - 130		
Toluene	<0.00200	U	0.100	0.08616		mg/Kg		86	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.07640		mg/Kg		76	70 - 130		
m,p-Xylenes	<0.00399	U	0.200	0.1498		mg/Kg		75	70 - 130		
o-Xylene	<0.00200	U	0.100	0.07567		mg/Kg		76	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-27134-53 MS
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: CF-380-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51262

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 880-27134-53 MSD
Matrix: Solid
Analysis Batch: 51138

Client Sample ID: CF-380-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51262

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1037		mg/Kg		104	70 - 130	11	35
Toluene	<0.00200	U	0.100	0.09770		mg/Kg		98	70 - 130	13	35
Ethylbenzene	<0.00200	U	0.100	0.08360		mg/Kg		84	70 - 130	9	35
m,p-Xylenes	<0.00399	U	0.200	0.1635		mg/Kg		82	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.08344		mg/Kg		83	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-51112/1-A
Matrix: Solid
Analysis Batch: 51129

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51112

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 08:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 08:56	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/13/23 16:25	04/14/23 08:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/13/23 16:25*	*04/14/23 08:56*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/13/23 16:25*	*04/14/23 08:56*	*1*

Lab Sample ID: LCS 880-51112/2-A
Matrix: Solid
Analysis Batch: 51129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	822.4		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	1000	827.0		mg/Kg		83	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	*110*		*70 - 130*
o-Terphenyl (Surr)	*118*		*70 - 130*

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-51112/3-A
Matrix: Solid
Analysis Batch: 51129

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51112

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	834.6		mg/Kg		83	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	726.5		mg/Kg		73	70 - 130	13	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*111*		*70 - 130*
o-Terphenyl (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-27134-1 MS
Matrix: Solid
Analysis Batch: 51129

Client Sample ID: CF-327-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51112

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1049		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1049		mg/Kg		105	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*116*		*70 - 130*
o-Terphenyl (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-27134-1 MSD
Matrix: Solid
Analysis Batch: 51129

Client Sample ID: CF-327-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51112

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1076		mg/Kg		105	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1100		mg/Kg		110	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*120*		*70 - 130*
o-Terphenyl (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 880-51141/1-A
Matrix: Solid
Analysis Batch: 51131

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51141

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 08:16	04/14/23 08:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 08:16	04/14/23 08:56	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 08:16	04/14/23 08:56	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-51141/1-A
Matrix: Solid
Analysis Batch: 51131

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51141

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	160	S1+	70 - 130	04/14/23 08:16	04/14/23 08:56	1
o-Terphenyl (Surr)	142	S1+	70 - 130	04/14/23 08:16	04/14/23 08:56	1

Lab Sample ID: LCS 880-51141/2-A
Matrix: Solid
Analysis Batch: 51131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51141

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	857.3		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	850.3		mg/Kg		85	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	108		70 - 130
o-Terphenyl (Surr)	82		70 - 130

Lab Sample ID: LCSD 880-51141/3-A
Matrix: Solid
Analysis Batch: 51131

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51141

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	847.7		mg/Kg		85	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	803.4		mg/Kg		80	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	81		70 - 130

Lab Sample ID: MB 880-51149/1-A
Matrix: Solid
Analysis Batch: 51134

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51149

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 09:00	04/14/23 09:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 09:00	04/14/23 09:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 09:00	04/14/23 09:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	04/14/23 09:00	04/14/23 09:06	1
o-Terphenyl (Surr)	95		70 - 130	04/14/23 09:00	04/14/23 09:06	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-51149/2-A
Matrix: Solid
Analysis Batch: 51134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51149

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	932.0		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	901.0		mg/Kg		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*75*		*70 - 130*
o-Terphenyl (Surr)	*74*		*70 - 130*

Lab Sample ID: LCSD 880-51149/3-A
Matrix: Solid
Analysis Batch: 51134

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51149

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	832.3		mg/Kg		83	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	862.1		mg/Kg		86	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*76*		*70 - 130*
o-Terphenyl (Surr)	*77*		*70 - 130*

Lab Sample ID: 880-27134-21 MS
Matrix: Solid
Analysis Batch: 51134

Client Sample ID: CF-348-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51149

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1031		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	858.2		mg/Kg		81	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*79*		*70 - 130*
o-Terphenyl (Surr)	*72*		*70 - 130*

Lab Sample ID: 880-27134-21 MSD
Matrix: Solid
Analysis Batch: 51134

Client Sample ID: CF-348-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51149

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1022		mg/Kg		103	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	841.6		mg/Kg		80	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*78*		*70 - 130*

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-27134-21 MSD
Matrix: Solid
Analysis Batch: 51134

Client Sample ID: CF-348-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51149

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	70		70 - 130

Lab Sample ID: MB 880-51170/1-A
Matrix: Solid
Analysis Batch: 51134

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51170

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/14/23 20:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/14/23 20:17	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:53	04/14/23 20:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	04/14/23 10:53	04/14/23 20:17	1
o-Terphenyl (Surr)	98		70 - 130	04/14/23 10:53	04/14/23 20:17	1

Lab Sample ID: LCS 880-51170/2-A
Matrix: Solid
Analysis Batch: 51134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51170

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1048		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	891.0		mg/Kg		89	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	70		70 - 130
o-Terphenyl (Surr)	70		70 - 130

Lab Sample ID: LCSD 880-51170/3-A
Matrix: Solid
Analysis Batch: 51134

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51170

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1048		mg/Kg		105	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	887.7		mg/Kg		89	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	74		70 - 130
o-Terphenyl (Surr)	75		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-27134-41 MS
Matrix: Solid
Analysis Batch: 51134

Client Sample ID: CF-368-04.0-NA-S
Prep Type: Total/NA
Prep Batch: 51170

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	1036		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	999	928.4		mg/Kg		91	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*74*		*70 - 130*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*

Lab Sample ID: 880-27134-41 MSD
Matrix: Solid
Analysis Batch: 51134

Client Sample ID: CF-368-04.0-NA-S
Prep Type: Total/NA
Prep Batch: 51170

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	1047		mg/Kg		105	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	997	898.6		mg/Kg		88	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*74*		*70 - 130*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*

Lab Sample ID: MB 880-51171/1-A
Matrix: Solid
Analysis Batch: 51131

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51171

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 10:55	04/14/23 20:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 10:55	04/14/23 20:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 10:55	04/14/23 20:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*156*	*S1+*	*70 - 130*	*04/14/23 10:55*	*04/14/23 20:40*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*04/14/23 10:55*	*04/14/23 20:40*	*1*

Lab Sample ID: LCS 880-51171/2-A
Matrix: Solid
Analysis Batch: 51131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51171

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	856.3		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)			1000	859.8		mg/Kg		86	70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-51171/2-A
Matrix: Solid
Analysis Batch: 51131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51171

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	81		70 - 130

Lab Sample ID: LCSD 880-51171/3-A
Matrix: Solid
Analysis Batch: 51131

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51171

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	852.4		mg/Kg		85	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	879.1		mg/Kg		88	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	77		70 - 130

Lab Sample ID: 880-27134-61 MS
Matrix: Solid
Analysis Batch: 51131

Client Sample ID: CF-388-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51171

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1155		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	998.8		mg/Kg		100	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	222	S1+	70 - 130
o-Terphenyl (Surr)	150	S1+	70 - 130

Lab Sample ID: 880-27134-61 MSD
Matrix: Solid
Analysis Batch: 51131

Client Sample ID: CF-388-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51171

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1105		mg/Kg		106	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1172		mg/Kg		117	70 - 130	16	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	242	S1+	70 - 130
o-Terphenyl (Surr)	174	S1+	70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-51184/1-A
Matrix: Solid
Analysis Batch: 51129

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51184

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/14/23 20:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/14/23 20:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 11:57	04/14/23 20:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*165*	*S1+*	*70 - 130*	*04/14/23 11:57*	*04/14/23 20:40*	*1*
o-Terphenyl (Surr)	*165*	*S1+*	*70 - 130*	*04/14/23 11:57*	*04/14/23 20:40*	*1*

Lab Sample ID: LCS 880-51184/2-A
Matrix: Solid
Analysis Batch: 51129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51184

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1071		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1001		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*133*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-51184/3-A
Matrix: Solid
Analysis Batch: 51129

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51184

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1081		mg/Kg		108	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1003		mg/Kg		100	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*131*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*130*		*70 - 130*

Lab Sample ID: 880-27134-81 MS
Matrix: Solid
Analysis Batch: 51129

Client Sample ID: CF-408-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1108		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1094		mg/Kg		110	70 - 130		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-27134-81 MS
Matrix: Solid
Analysis Batch: 51129

Client Sample ID: CF-408-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51184

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	121		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: 880-27134-81 MSD
Matrix: Solid
Analysis Batch: 51129

Client Sample ID: CF-408-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51184

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	1056		mg/Kg		103	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1056		mg/Kg		106	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	116		70 - 130
o-Terphenyl (Surr)	102		70 - 130

Lab Sample ID: MB 880-51186/1-A
Matrix: Solid
Analysis Batch: 51237

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51186

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 09:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 09:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/23 12:01	04/15/23 09:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130	04/14/23 12:01	04/15/23 09:36	1
o-Terphenyl (Surr)	144	S1+	70 - 130	04/14/23 12:01	04/15/23 09:36	1

Lab Sample ID: LCS 880-51186/2-A
Matrix: Solid
Analysis Batch: 51237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51186

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	968.3		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	716.6		mg/Kg		72	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	82		70 - 130
o-Terphenyl (Surr)	101		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-51186/3-A
Matrix: Solid
Analysis Batch: 51237

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51186

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1002		mg/Kg		100	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	722.8		mg/Kg		72	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*80*		*70 - 130*
o-Terphenyl (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-27134-101 MS
Matrix: Solid
Analysis Batch: 51237

Client Sample ID: CF-428-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51186

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1174		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	741.4		mg/Kg		74	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*75*		*70 - 130*
o-Terphenyl (Surr)	*86*		*70 - 130*

Lab Sample ID: 880-27134-101 MSD
Matrix: Solid
Analysis Batch: 51237

Client Sample ID: CF-428-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51186

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1201		mg/Kg		118	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	687.6	F1	mg/Kg		69	70 - 130	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*75*		*70 - 130*
o-Terphenyl (Surr)	*78*		*70 - 130*

Lab Sample ID: MB 880-51245/1-A
Matrix: Solid
Analysis Batch: 51239

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51245

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 09:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 09:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/23 09:17	04/15/23 09:36	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-51245/1-A
Matrix: Solid
Analysis Batch: 51239

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51245

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	192	S1+	70 - 130	04/15/23 09:17	04/15/23 09:36	1
o-Terphenyl (Surr)	151	S1+	70 - 130	04/15/23 09:17	04/15/23 09:36	1

Lab Sample ID: LCS 880-51245/2-A
Matrix: Solid
Analysis Batch: 51239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1008		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1051		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	120		70 - 130
o-Terphenyl (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-51245/3-A
Matrix: Solid
Analysis Batch: 51239

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51245

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	901.2		mg/Kg		90	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	1039		mg/Kg		104	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	89		70 - 130

Lab Sample ID: 880-27134-71 MS
Matrix: Solid
Analysis Batch: 51239

Client Sample ID: CF-398-00.3-NA-S
Prep Type: Total/NA
Prep Batch: 51245

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1287		mg/Kg		126	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	1310	F1	mg/Kg		131	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	143	S1+	70 - 130
o-Terphenyl (Surr)	106		70 - 130

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-27134-71 MSD — **Client Sample ID: CF-398-00.3-NA-S**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 51239 — **Prep Batch: 51245**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1233		mg/Kg		121	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	1265		mg/Kg		127	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*142*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*103*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-51097/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 51422

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/20/23 23:45	1

Lab Sample ID: LCS 880-51097/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 51422

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			200	213.3		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-51097/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 51422

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			200	215.1		mg/Kg		108	90 - 110	1	20

Lab Sample ID: 880-27134-121 MS — **Client Sample ID: CF-265-00.3-NA-S**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 51422

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	104	F1	251	452.6	F1	mg/Kg		139	90 - 110		

Lab Sample ID: 880-27134-121 MSD — **Client Sample ID: CF-265-00.3-NA-S**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 51422

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	104	F1	251	456.1	F1	mg/Kg		140	90 - 110	1	20

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-51091/1-A
Matrix: Solid
Analysis Batch: 51766

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/21/23 19:24	1

Lab Sample ID: LCS 880-51091/2-A
Matrix: Solid
Analysis Batch: 51766

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	265.2		mg/Kg		106	90 - 110		

Lab Sample ID: LCSD 880-51091/3-A
Matrix: Solid
Analysis Batch: 51766

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	262.4		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 880-27134-21 MS
Matrix: Solid
Analysis Batch: 51766

Client Sample ID: CF-348-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	64.5	F1	250	417.3	F1	mg/Kg		141	90 - 110		

Lab Sample ID: 880-27134-21 MSD
Matrix: Solid
Analysis Batch: 51766

Client Sample ID: CF-348-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	64.5	F1	250	419.1	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: 880-27134-31 MS
Matrix: Solid
Analysis Batch: 51766

Client Sample ID: CF-358-04.0-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	107		249	339.4		mg/Kg		93	90 - 110		

Lab Sample ID: 880-27134-31 MSD
Matrix: Solid
Analysis Batch: 51766

Client Sample ID: CF-358-04.0-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	107		249	343.8		mg/Kg		95	90 - 110	1	20

Lab Sample ID: MB 880-51090/1-A
Matrix: Solid
Analysis Batch: 51767

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/21/23 15:18	1

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-51090/2-A
Matrix: Solid
Analysis Batch: 51767

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	254.2		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-51090/3-A
Matrix: Solid
Analysis Batch: 51767

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	249.8		mg/Kg		100	90 - 110	2	20

Lab Sample ID: 880-27134-1 MS
Matrix: Solid
Analysis Batch: 51767

Client Sample ID: CF-327-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	68.7		251	340.8		mg/Kg		108	90 - 110		

Lab Sample ID: 880-27134-1 MSD
Matrix: Solid
Analysis Batch: 51767

Client Sample ID: CF-327-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	68.7		251	342.1		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-27134-11 MS
Matrix: Solid
Analysis Batch: 51767

Client Sample ID: CF-337-04.0-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	85.4		252	360.3		mg/Kg		109	90 - 110		

Lab Sample ID: 880-27134-11 MSD
Matrix: Solid
Analysis Batch: 51767

Client Sample ID: CF-337-04.0-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	85.4		252	361.9		mg/Kg		110	90 - 110	0	20

Lab Sample ID: MB 880-51092/1-A
Matrix: Solid
Analysis Batch: 51768

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/21/23 15:46	1

Lab Sample ID: LCS 880-51092/2-A
Matrix: Solid
Analysis Batch: 51768

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	225.9		mg/Kg		90	90 - 110		

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-51092/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 51768

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	227.0		mg/Kg		91	90 - 110	0	20

Lab Sample ID: 880-27134-41 MS — **Client Sample ID: CF-368-04.0-NA-S**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 51768

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	97.3		251	347.3		mg/Kg		100	90 - 110		

Lab Sample ID: 880-27134-41 MSD — **Client Sample ID: CF-368-04.0-NA-S**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 51768

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	97.3		251	349.5		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-27134-51 MS — **Client Sample ID: CF-378-00.3-NA-S**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 51768

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	65.6	F1	251	268.5	F1	mg/Kg		81	90 - 110		

Lab Sample ID: 880-27134-51 MSD — **Client Sample ID: CF-378-00.3-NA-S**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 51768

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	65.6	F1	251	269.1	F1	mg/Kg		81	90 - 110	0	20

Lab Sample ID: MB 880-51093/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 51769

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/21/23 19:42	1

Lab Sample ID: LCS 880-51093/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 51769

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	231.6		mg/Kg		93	90 - 110		

Lab Sample ID: LCSD 880-51093/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 51769

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	230.9		mg/Kg		92	90 - 110	0	20

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-27134-61 MS
Matrix: Solid
Analysis Batch: 51769

Client Sample ID: CF-388-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	92.7	F1	249	302.3	F1	mg/Kg		84	90 - 110

Lab Sample ID: 880-27134-61 MSD
Matrix: Solid
Analysis Batch: 51769

Client Sample ID: CF-388-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	92.7	F1	249	303.4	F1	mg/Kg		85	90 - 110	0	20

Lab Sample ID: 880-27134-71 MS
Matrix: Solid
Analysis Batch: 51769

Client Sample ID: CF-398-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	156	F1	248	328.4	F1	mg/Kg		70	90 - 110

Lab Sample ID: 880-27134-71 MSD
Matrix: Solid
Analysis Batch: 51769

Client Sample ID: CF-398-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	156	F1	248	329.3	F1	mg/Kg		70	90 - 110	0	20

Lab Sample ID: MB 880-51094/1-A
Matrix: Solid
Analysis Batch: 51772

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/22/23 12:11	1

Lab Sample ID: LCS 880-51094/2-A
Matrix: Solid
Analysis Batch: 51772

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	271.7		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-51094/3-A
Matrix: Solid
Analysis Batch: 51772

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	269.4		mg/Kg		108	90 - 110	1	20

Lab Sample ID: 880-27134-81 MS
Matrix: Solid
Analysis Batch: 51772

Client Sample ID: CF-408-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	154		249	389.1		mg/Kg		94	90 - 110

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-27134-81 MSD
Matrix: Solid
Analysis Batch: 51772

Client Sample ID: CF-408-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	154		249	389.7		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-27134-91 MS
Matrix: Solid
Analysis Batch: 51772

Client Sample ID: CF-418-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	54.8		250	314.0		mg/Kg		104	90 - 110

Lab Sample ID: 880-27134-91 MSD
Matrix: Solid
Analysis Batch: 51772

Client Sample ID: CF-418-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	54.8		250	313.5		mg/Kg		104	90 - 110	0	20

Lab Sample ID: MB 880-51095/1-A
Matrix: Solid
Analysis Batch: 51773

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/22/23 14:51	1

Lab Sample ID: LCS 880-51095/2-A
Matrix: Solid
Analysis Batch: 51773

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	274.1		mg/Kg		110	90 - 110

Lab Sample ID: LCSD 880-51095/3-A
Matrix: Solid
Analysis Batch: 51773

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	271.4		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-27134-101 MS
Matrix: Solid
Analysis Batch: 51773

Client Sample ID: CF-428-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	198		253	467.5		mg/Kg		107	90 - 110

Lab Sample ID: 880-27134-101 MSD
Matrix: Solid
Analysis Batch: 51773

Client Sample ID: CF-428-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	198		253	468.3		mg/Kg		107	90 - 110	0	20

QC Sample Results

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-27134-111 MS
Matrix: Solid
Analysis Batch: 51773

Client Sample ID: CF-438-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	95.7	F1	248	372.1	F1	mg/Kg		112	90 - 110

Lab Sample ID: 880-27134-111 MSD
Matrix: Solid
Analysis Batch: 51773

Client Sample ID: CF-438-00.3-NA-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	95.7	F1	248	370.9	F1	mg/Kg		111	90 - 110	0	20

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC VOA

Prep Batch: 50838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-50838/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 51035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-51035/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 51054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-51054/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 51072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-51072/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 51073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-1	CF-327-00.3-NA-S	Total/NA	Solid	5035	
880-27134-2	CF-328-00.3-NA-S	Total/NA	Solid	5035	
880-27134-3	CF-329-04.0-NA-S	Total/NA	Solid	5035	
880-27134-4	CF-330-04.0-NA-S	Total/NA	Solid	5035	
880-27134-5	CF-331-04.0-NA-S	Total/NA	Solid	5035	
880-27134-6	CF-332-04.0-NA-S	Total/NA	Solid	5035	
880-27134-7	CF-333-04.0-NA-S	Total/NA	Solid	5035	
880-27134-8	CF-334-04.0-NA-S	Total/NA	Solid	5035	
880-27134-9	CF-335-04.0-NA-S	Total/NA	Solid	5035	
880-27134-10	CF-336-04.0-NA-S	Total/NA	Solid	5035	
880-27134-11	CF-337-04.0-NA-S	Total/NA	Solid	5035	
880-27134-12	CF-338-04.0-NA-S	Total/NA	Solid	5035	
880-27134-13	CF-339-04.0-NA-S	Total/NA	Solid	5035	
880-27134-14	CF-340-04.0-NA-S	Total/NA	Solid	5035	
880-27134-15	CF-341-04.0-NA-S	Total/NA	Solid	5035	
880-27134-16	CF-342-04.0-NA-S	Total/NA	Solid	5035	
880-27134-17	CF-343-04.0-NA-S	Total/NA	Solid	5035	
880-27134-18	CF-345-04.0-NA-S	Total/NA	Solid	5035	
880-27134-19	CF-346-04.0-NA-S	Total/NA	Solid	5035	
880-27134-20	CF-347-00.3-NA-S	Total/NA	Solid	5035	
MB 880-51073/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51073/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51073/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27134-1 MS	CF-327-00.3-NA-S	Total/NA	Solid	5035	
880-27134-1 MSD	CF-327-00.3-NA-S	Total/NA	Solid	5035	

Prep Batch: 51074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-21	CF-348-00.3-NA-S	Total/NA	Solid	5035	
880-27134-22	CF-349-00.3-NA-S	Total/NA	Solid	5035	
880-27134-23	CF-350-00.3-NA-S	Total/NA	Solid	5035	
880-27134-24	CF-351-00.3-NA-S	Total/NA	Solid	5035	
880-27134-25	CF-352-00.3-NA-S	Total/NA	Solid	5035	
880-27134-26	CF-353-04.0-NA-S	Total/NA	Solid	5035	
880-27134-27	CF-354-04.0-NA-S	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC VOA (Continued)

Prep Batch: 51074 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-28	CF-355-04.0-NA-S	Total/NA	Solid	5035	
880-27134-29	CF-356-04.0-NA-S	Total/NA	Solid	5035	
880-27134-30	CF-357-04.0-NA-S	Total/NA	Solid	5035	
880-27134-31	CF-358-04.0-NA-S	Total/NA	Solid	5035	
880-27134-32	CF-359-04.0-NA-S	Total/NA	Solid	5035	
880-27134-33	CF-360-04.0-NA-S	Total/NA	Solid	5035	
880-27134-34	CF-361-04.0-NA-S	Total/NA	Solid	5035	
880-27134-35	CF-362-04.0-NA-S	Total/NA	Solid	5035	
880-27134-36	CF-363-04.0-NA-S	Total/NA	Solid	5035	
880-27134-37	CF-364-04.0-NA-S	Total/NA	Solid	5035	
880-27134-38	CF-365-04.0-NA-S	Total/NA	Solid	5035	
880-27134-39	CF-366-04.0-NA-S	Total/NA	Solid	5035	
880-27134-40	CF-367-04.0-NA-S	Total/NA	Solid	5035	
MB 880-51074/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51074/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51074/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27134-21 MS	CF-348-00.3-NA-S	Total/NA	Solid	5035	
880-27134-21 MSD	CF-348-00.3-NA-S	Total/NA	Solid	5035	

Prep Batch: 51075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-41	CF-368-04.0-NA-S	Total/NA	Solid	5035	
880-27134-42	CF-369-04.0-NA-S	Total/NA	Solid	5035	
880-27134-43	CF-370-00.3-NA-S	Total/NA	Solid	5035	
880-27134-44	CF-371-00.3-NA-S	Total/NA	Solid	5035	
880-27134-45	CF-372-00.3-NA-S	Total/NA	Solid	5035	
880-27134-46	CF-373-00.3-NA-S	Total/NA	Solid	5035	
880-27134-47	CF-374-00.3-NA-S	Total/NA	Solid	5035	
880-27134-48	CF-375-00.3-NA-S	Total/NA	Solid	5035	
880-27134-49	CF-376-00.3-NA-S	Total/NA	Solid	5035	
880-27134-50	CF-377-00.3-NA-S	Total/NA	Solid	5035	
880-27134-51	CF-378-00.3-NA-S	Total/NA	Solid	5035	
880-27134-52	CF-379-00.3-NA-S	Total/NA	Solid	5035	
880-27134-54	CF-381-00.3-NA-S	Total/NA	Solid	5035	
880-27134-55	CF-382-00.3-NA-S	Total/NA	Solid	5035	
880-27134-56	CF-383-00.3-NA-S	Total/NA	Solid	5035	
880-27134-57	CF-384-00.3-NA-S	Total/NA	Solid	5035	
880-27134-58	CF-385-00.3-NA-S	Total/NA	Solid	5035	
880-27134-59	CF-386-00.3-NA-S	Total/NA	Solid	5035	
880-27134-60	CF-387-00.3-NA-S	Total/NA	Solid	5035	
MB 880-51075/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51075/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51075/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27134-41 MS	CF-368-04.0-NA-S	Total/NA	Solid	5035	
880-27134-41 MSD	CF-368-04.0-NA-S	Total/NA	Solid	5035	

Prep Batch: 51076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-61	CF-388-00.3-NA-S	Total/NA	Solid	5035	
880-27134-62	CF-389-00.3-NA-S	Total/NA	Solid	5035	
880-27134-63	CF-390-00.3-NA-S	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC VOA (Continued)

Prep Batch: 51076 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-64	CF-391-00.3-NA-S	Total/NA	Solid	5035	
880-27134-65	CF-392-00.3-NA-S	Total/NA	Solid	5035	
880-27134-66	CF-393-00.3-NA-S	Total/NA	Solid	5035	
880-27134-67	CF-394-00.3-NA-S	Total/NA	Solid	5035	
880-27134-68	CF-395-00.3-NA-S	Total/NA	Solid	5035	
880-27134-69	CF-396-00.3-NA-S	Total/NA	Solid	5035	
880-27134-70	CF-397-00.3-NA-S	Total/NA	Solid	5035	
MB 880-51076/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51076/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51076/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27134-61 MS	CF-388-00.3-NA-S	Total/NA	Solid	5035	
880-27134-61 MSD	CF-388-00.3-NA-S	Total/NA	Solid	5035	

Prep Batch: 51077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-81	CF-408-00.3-NA-S	Total/NA	Solid	5035	
880-27134-82	CF-409-00.3-NA-S	Total/NA	Solid	5035	
880-27134-83	CF-410-00.3-NA-S	Total/NA	Solid	5035	
880-27134-84	CF-411-00.3-NA-S	Total/NA	Solid	5035	
880-27134-85	CF-412-00.3-NA-S	Total/NA	Solid	5035	
880-27134-86	CF-413-00.3-NA-S	Total/NA	Solid	5035	
880-27134-87	CF-414-00.3-NA-S	Total/NA	Solid	5035	
880-27134-88	CF-415-00.3-NA-S	Total/NA	Solid	5035	
880-27134-89	CF-416-00.3-NA-S	Total/NA	Solid	5035	
880-27134-90	CF-417-00.3-NA-S	Total/NA	Solid	5035	
880-27134-91	CF-418-00.3-NA-S	Total/NA	Solid	5035	
880-27134-92	CF-419-00.3-NA-S	Total/NA	Solid	5035	
880-27134-93	CF-420-00.3-NA-S	Total/NA	Solid	5035	
880-27134-94	CF-421-00.3-NA-S	Total/NA	Solid	5035	
880-27134-95	CF-422-00.3-NA-S	Total/NA	Solid	5035	
880-27134-96	CF-423-00.3-NA-S	Total/NA	Solid	5035	
880-27134-97	CF-424-00.3-NA-S	Total/NA	Solid	5035	
880-27134-98	CF-425-00.3-NA-S	Total/NA	Solid	5035	
880-27134-99	CF-426-00.3-NA-S	Total/NA	Solid	5035	
880-27134-100	CF-427-00.3-NA-S	Total/NA	Solid	5035	
MB 880-51077/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51077/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51077/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27134-81 MS	CF-408-00.3-NA-S	Total/NA	Solid	5035	
880-27134-81 MSD	CF-408-00.3-NA-S	Total/NA	Solid	5035	

Prep Batch: 51078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-101	CF-428-00.3-NA-S	Total/NA	Solid	5035	
880-27134-102	CF-429-00.3-NA-S	Total/NA	Solid	5035	
880-27134-103	CF-430-00.3-NA-S	Total/NA	Solid	5035	
880-27134-104	CF-431-00.3-NA-S	Total/NA	Solid	5035	
880-27134-105	CF-432-00.3-NA-S	Total/NA	Solid	5035	
880-27134-106	CF-433-00.3-NA-S	Total/NA	Solid	5035	
880-27134-107	CF-434-00.3-NA-S	Total/NA	Solid	5035	
880-27134-108	CF-435-00.3-NA-S	Total/NA	Solid	5035	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC VOA (Continued)

Prep Batch: 51078 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-109	CF-436-00.3-NA-S	Total/NA	Solid	5035	
880-27134-110	CF-437-00.3-NA-S	Total/NA	Solid	5035	
880-27134-111	CF-438-00.3-NA-S	Total/NA	Solid	5035	
880-27134-112	CF-439-00.3-NA-S	Total/NA	Solid	5035	
880-27134-113	CF-440-00.3-NA-S	Total/NA	Solid	5035	
880-27134-114	CF-441-00.3-NA-S	Total/NA	Solid	5035	
880-27134-115	CF-442-00.3-NA-S	Total/NA	Solid	5035	
880-27134-116	CF-443-00.3-NA-S	Total/NA	Solid	5035	
880-27134-117	CW-033-02.0-NA-S	Total/NA	Solid	5035	
880-27134-118	CW-034-02.0-NA-S	Total/NA	Solid	5035	
880-27134-119	CW-035-02.0-NA-S	Total/NA	Solid	5035	
880-27134-120	CF-277-00.3-NA-S	Total/NA	Solid	5035	
MB 880-51078/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51078/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51078/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27134-101 MS	CF-428-00.3-NA-S	Total/NA	Solid	5035	
880-27134-101 MSD	CF-428-00.3-NA-S	Total/NA	Solid	5035	

Prep Batch: 51109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-121	CF-265-00.3-NA-S	Total/NA	Solid	5035	
880-27134-122	CF-266-00.3-NA-P	Total/NA	Solid	5035	
MB 880-51109/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51109/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51109/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27134-121 MS	CF-265-00.3-NA-S	Total/NA	Solid	5035	
880-27134-121 MSD	CF-265-00.3-NA-S	Total/NA	Solid	5035	

Analysis Batch: 51137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-1	CF-327-00.3-NA-S	Total/NA	Solid	8021B	51073
880-27134-2	CF-328-00.3-NA-S	Total/NA	Solid	8021B	51073
880-27134-3	CF-329-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-4	CF-330-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-5	CF-331-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-6	CF-332-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-7	CF-333-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-8	CF-334-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-9	CF-335-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-10	CF-336-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-11	CF-337-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-12	CF-338-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-13	CF-339-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-14	CF-340-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-15	CF-341-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-16	CF-342-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-17	CF-343-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-18	CF-345-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-19	CF-346-04.0-NA-S	Total/NA	Solid	8021B	51073
880-27134-20	CF-347-00.3-NA-S	Total/NA	Solid	8021B	51073
880-27134-21	CF-348-00.3-NA-S	Total/NA	Solid	8021B	51074

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC VOA (Continued)

Analysis Batch: 51137 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-22	CF-349-00.3-NA-S	Total/NA	Solid	8021B	51074
880-27134-23	CF-350-00.3-NA-S	Total/NA	Solid	8021B	51074
880-27134-24	CF-351-00.3-NA-S	Total/NA	Solid	8021B	51074
880-27134-25	CF-352-00.3-NA-S	Total/NA	Solid	8021B	51074
880-27134-26	CF-353-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-27	CF-354-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-28	CF-355-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-29	CF-356-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-30	CF-357-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-31	CF-358-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-32	CF-359-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-33	CF-360-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-34	CF-361-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-35	CF-362-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-36	CF-363-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-37	CF-364-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-38	CF-365-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-39	CF-366-04.0-NA-S	Total/NA	Solid	8021B	51074
880-27134-40	CF-367-04.0-NA-S	Total/NA	Solid	8021B	51074
MB 880-50838/5-A	Method Blank	Total/NA	Solid	8021B	50838
MB 880-51073/5-A	Method Blank	Total/NA	Solid	8021B	51073
MB 880-51074/5-A	Method Blank	Total/NA	Solid	8021B	51074
LCS 880-51073/1-A	Lab Control Sample	Total/NA	Solid	8021B	51073
LCS 880-51074/1-A	Lab Control Sample	Total/NA	Solid	8021B	51074
LCSD 880-51073/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51073
LCSD 880-51074/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51074
880-27134-1 MS	CF-327-00.3-NA-S	Total/NA	Solid	8021B	51073
880-27134-1 MSD	CF-327-00.3-NA-S	Total/NA	Solid	8021B	51073
880-27134-21 MS	CF-348-00.3-NA-S	Total/NA	Solid	8021B	51074
880-27134-21 MSD	CF-348-00.3-NA-S	Total/NA	Solid	8021B	51074

Analysis Batch: 51138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-53	CF-380-00.3-NA-S	Total/NA	Solid	8021B	51262
880-27134-71	CF-398-00.3-NA-S	Total/NA	Solid	8021B	51262
880-27134-72	CF-399-00.3-NA-S	Total/NA	Solid	8021B	51262
880-27134-73	CF-400-00.3-NA-S	Total/NA	Solid	8021B	51262
880-27134-74	CF-401-04.0-NA-S	Total/NA	Solid	8021B	51262
880-27134-75	CF-402-00.3-NA-S	Total/NA	Solid	8021B	51262
880-27134-76	CF-403-00.3-NA-S	Total/NA	Solid	8021B	51262
880-27134-77	CF-404-00.3-NA-S	Total/NA	Solid	8021B	51262
880-27134-78	CF-405-00.3-NA-S	Total/NA	Solid	8021B	51262
880-27134-79	CF-406-00.3-NA-S	Total/NA	Solid	8021B	51262
880-27134-80	CF-407-00.3-NA-S	Total/NA	Solid	8021B	51262
880-27134-81	CF-408-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-82	CF-409-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-83	CF-410-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-84	CF-411-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-85	CF-412-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-86	CF-413-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-87	CF-414-00.3-NA-S	Total/NA	Solid	8021B	51077

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC VOA (Continued)

Analysis Batch: 51138 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-88	CF-415-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-89	CF-416-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-90	CF-417-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-91	CF-418-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-92	CF-419-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-93	CF-420-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-94	CF-421-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-95	CF-422-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-96	CF-423-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-97	CF-424-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-98	CF-425-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-99	CF-426-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-100	CF-427-00.3-NA-S	Total/NA	Solid	8021B	51077
MB 880-51077/5-A	Method Blank	Total/NA	Solid	8021B	51077
MB 880-51138/101	Method Blank	Total/NA	Solid	8021B	
MB 880-51194/5-A	Method Blank	Total/NA	Solid	8021B	51194
MB 880-51262/18-A	Method Blank	Total/NA	Solid	8021B	51262
LCS 880-51077/1-A	Lab Control Sample	Total/NA	Solid	8021B	51077
LCS 880-51262/1-A	Lab Control Sample	Total/NA	Solid	8021B	51262
LCSD 880-51077/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51077
LCSD 880-51262/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51262
880-27134-53 MS	CF-380-00.3-NA-S	Total/NA	Solid	8021B	51262
880-27134-53 MSD	CF-380-00.3-NA-S	Total/NA	Solid	8021B	51262
880-27134-81 MS	CF-408-00.3-NA-S	Total/NA	Solid	8021B	51077
880-27134-81 MSD	CF-408-00.3-NA-S	Total/NA	Solid	8021B	51077

Analysis Batch: 51139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-41	CF-368-04.0-NA-S	Total/NA	Solid	8021B	51075
880-27134-42	CF-369-04.0-NA-S	Total/NA	Solid	8021B	51075
880-27134-43	CF-370-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-44	CF-371-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-45	CF-372-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-46	CF-373-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-47	CF-374-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-48	CF-375-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-49	CF-376-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-50	CF-377-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-51	CF-378-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-52	CF-379-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-54	CF-381-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-55	CF-382-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-56	CF-383-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-57	CF-384-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-58	CF-385-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-59	CF-386-00.3-NA-S	Total/NA	Solid	8021B	51075
880-27134-60	CF-387-00.3-NA-S	Total/NA	Solid	8021B	51075
MB 880-51054/5-A	Method Blank	Total/NA	Solid	8021B	51054
MB 880-51075/5-A	Method Blank	Total/NA	Solid	8021B	51075
LCS 880-51075/1-A	Lab Control Sample	Total/NA	Solid	8021B	51075
LCSD 880-51075/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51075

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC VOA (Continued)

Analysis Batch: 51139 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-41 MS	CF-368-04.0-NA-S	Total/NA	Solid	8021B	51075
880-27134-41 MSD	CF-368-04.0-NA-S	Total/NA	Solid	8021B	51075

Analysis Batch: 51140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-61	CF-388-00.3-NA-S	Total/NA	Solid	8021B	51076
880-27134-62	CF-389-00.3-NA-S	Total/NA	Solid	8021B	51076
880-27134-63	CF-390-00.3-NA-S	Total/NA	Solid	8021B	51076
880-27134-64	CF-391-00.3-NA-S	Total/NA	Solid	8021B	51076
880-27134-65	CF-392-00.3-NA-S	Total/NA	Solid	8021B	51076
880-27134-66	CF-393-00.3-NA-S	Total/NA	Solid	8021B	51076
880-27134-67	CF-394-00.3-NA-S	Total/NA	Solid	8021B	51076
880-27134-68	CF-395-00.3-NA-S	Total/NA	Solid	8021B	51076
880-27134-69	CF-396-00.3-NA-S	Total/NA	Solid	8021B	51076
880-27134-70	CF-397-00.3-NA-S	Total/NA	Solid	8021B	51076
MB 880-51035/5-A	Method Blank	Total/NA	Solid	8021B	51035
MB 880-51076/5-A	Method Blank	Total/NA	Solid	8021B	51076
LCS 880-51076/1-A	Lab Control Sample	Total/NA	Solid	8021B	51076
LCSD 880-51076/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51076
880-27134-61 MS	CF-388-00.3-NA-S	Total/NA	Solid	8021B	51076
880-27134-61 MSD	CF-388-00.3-NA-S	Total/NA	Solid	8021B	51076

Prep Batch: 51194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-51194/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 51255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-1	CF-327-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-2	CF-328-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-3	CF-329-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-4	CF-330-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-5	CF-331-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-6	CF-332-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-7	CF-333-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-8	CF-334-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-9	CF-335-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-10	CF-336-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-11	CF-337-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-12	CF-338-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-13	CF-339-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-14	CF-340-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-15	CF-341-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-16	CF-342-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-17	CF-343-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-18	CF-345-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-19	CF-346-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-20	CF-347-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-21	CF-348-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-22	CF-349-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-23	CF-350-00.3-NA-S	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC VOA (Continued)

Analysis Batch: 51255 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-24	CF-351-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-25	CF-352-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-26	CF-353-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-27	CF-354-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-28	CF-355-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-29	CF-356-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-30	CF-357-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-31	CF-358-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-32	CF-359-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-33	CF-360-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-34	CF-361-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-35	CF-362-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-36	CF-363-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-37	CF-364-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-38	CF-365-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-39	CF-366-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-40	CF-367-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-41	CF-368-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-42	CF-369-04.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-43	CF-370-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-44	CF-371-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-45	CF-372-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-46	CF-373-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-47	CF-374-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-48	CF-375-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-49	CF-376-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-50	CF-377-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-51	CF-378-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-52	CF-379-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-53	CF-380-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-54	CF-381-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-55	CF-382-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-56	CF-383-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-57	CF-384-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-58	CF-385-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-59	CF-386-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-60	CF-387-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-61	CF-388-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-62	CF-389-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-63	CF-390-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-64	CF-391-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-65	CF-392-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-66	CF-393-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-67	CF-394-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-68	CF-395-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-69	CF-396-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-70	CF-397-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-71	CF-398-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-72	CF-399-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-73	CF-400-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-74	CF-401-04.0-NA-S	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC VOA (Continued)

Analysis Batch: 51255 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-75	CF-402-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-76	CF-403-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-77	CF-404-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-78	CF-405-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-79	CF-406-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-80	CF-407-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-81	CF-408-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-82	CF-409-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-83	CF-410-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-84	CF-411-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-85	CF-412-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-86	CF-413-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-87	CF-414-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-88	CF-415-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-89	CF-416-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-90	CF-417-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-91	CF-418-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-92	CF-419-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-93	CF-420-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-94	CF-421-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-95	CF-422-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-96	CF-423-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-97	CF-424-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-98	CF-425-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-99	CF-426-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-100	CF-427-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-101	CF-428-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-102	CF-429-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-103	CF-430-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-104	CF-431-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-105	CF-432-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-106	CF-433-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-107	CF-434-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-108	CF-435-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-109	CF-436-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-110	CF-437-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-111	CF-438-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-112	CF-439-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-113	CF-440-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-114	CF-441-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-115	CF-442-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-116	CF-443-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-117	CW-033-02.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-118	CW-034-02.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-119	CW-035-02.0-NA-S	Total/NA	Solid	Total BTEX	
880-27134-120	CF-277-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-121	CF-265-00.3-NA-S	Total/NA	Solid	Total BTEX	
880-27134-122	CF-266-00.3-NA-P	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC VOA

Prep Batch: 51262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-53	CF-380-00.3-NA-S	Total/NA	Solid	5035	
880-27134-71	CF-398-00.3-NA-S	Total/NA	Solid	5035	
880-27134-72	CF-399-00.3-NA-S	Total/NA	Solid	5035	
880-27134-73	CF-400-00.3-NA-S	Total/NA	Solid	5035	
880-27134-74	CF-401-04.0-NA-S	Total/NA	Solid	5035	
880-27134-75	CF-402-00.3-NA-S	Total/NA	Solid	5035	
880-27134-76	CF-403-00.3-NA-S	Total/NA	Solid	5035	
880-27134-77	CF-404-00.3-NA-S	Total/NA	Solid	5035	
880-27134-78	CF-405-00.3-NA-S	Total/NA	Solid	5035	
880-27134-79	CF-406-00.3-NA-S	Total/NA	Solid	5035	
880-27134-80	CF-407-00.3-NA-S	Total/NA	Solid	5035	
MB 880-51262/18-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51262/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51262/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27134-53 MS	CF-380-00.3-NA-S	Total/NA	Solid	5035	
880-27134-53 MSD	CF-380-00.3-NA-S	Total/NA	Solid	5035	

Analysis Batch: 51274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-101	CF-428-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-102	CF-429-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-103	CF-430-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-104	CF-431-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-105	CF-432-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-106	CF-433-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-107	CF-434-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-108	CF-435-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-109	CF-436-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-110	CF-437-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-111	CF-438-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-112	CF-439-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-113	CF-440-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-114	CF-441-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-115	CF-442-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-116	CF-443-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-117	CW-033-02.0-NA-S	Total/NA	Solid	8021B	51078
880-27134-118	CW-034-02.0-NA-S	Total/NA	Solid	8021B	51078
880-27134-119	CW-035-02.0-NA-S	Total/NA	Solid	8021B	51078
880-27134-120	CF-277-00.3-NA-S	Total/NA	Solid	8021B	51078
MB 880-51078/5-A	Method Blank	Total/NA	Solid	8021B	51078
LCS 880-51078/1-A	Lab Control Sample	Total/NA	Solid	8021B	51078
LCSD 880-51078/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51078
880-27134-101 MS	CF-428-00.3-NA-S	Total/NA	Solid	8021B	51078
880-27134-101 MSD	CF-428-00.3-NA-S	Total/NA	Solid	8021B	51078

Analysis Batch: 51295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-121	CF-265-00.3-NA-S	Total/NA	Solid	8021B	51109
880-27134-122	CF-266-00.3-NA-P	Total/NA	Solid	8021B	51109
MB 880-51072/5-A	Method Blank	Total/NA	Solid	8021B	51072
MB 880-51109/5-A	Method Blank	Total/NA	Solid	8021B	51109

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC VOA (Continued)

Analysis Batch: 51295 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-51109/1-A	Lab Control Sample	Total/NA	Solid	8021B	51109
LCSD 880-51109/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51109
880-27134-121 MS	CF-265-00.3-NA-S	Total/NA	Solid	8021B	51109
880-27134-121 MSD	CF-265-00.3-NA-S	Total/NA	Solid	8021B	51109

GC Semi VOA

Prep Batch: 51112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-1	CF-327-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-2	CF-328-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-3	CF-329-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-4	CF-330-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-5	CF-331-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-6	CF-332-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-7	CF-333-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-8	CF-334-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-9	CF-335-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-10	CF-336-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-11	CF-337-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-12	CF-338-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-13	CF-339-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-14	CF-340-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-15	CF-341-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-16	CF-342-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-17	CF-343-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-18	CF-345-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-19	CF-346-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-20	CF-347-00.3-NA-S	Total/NA	Solid	8015NM Prep	
MB 880-51112/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-51112/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-51112/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-27134-1 MS	CF-327-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-1 MSD	CF-327-00.3-NA-S	Total/NA	Solid	8015NM Prep	

Analysis Batch: 51129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-1	CF-327-00.3-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-2	CF-328-00.3-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-3	CF-329-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-4	CF-330-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-5	CF-331-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-6	CF-332-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-7	CF-333-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-8	CF-334-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-9	CF-335-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-10	CF-336-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-11	CF-337-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-12	CF-338-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-13	CF-339-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-14	CF-340-04.0-NA-S	Total/NA	Solid	8015B NM	51112

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Analysis Batch: 51129 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-15	CF-341-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-16	CF-342-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-17	CF-343-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-18	CF-345-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-19	CF-346-04.0-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-20	CF-347-00.3-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-81	CF-408-00.3-NA-S	Total/NA	Solid	8015B NM	51184
880-27134-82	CF-409-00.3-NA-S	Total/NA	Solid	8015B NM	51184
880-27134-83	CF-410-00.3-NA-S	Total/NA	Solid	8015B NM	51184
880-27134-84	CF-411-00.3-NA-S	Total/NA	Solid	8015B NM	51184
880-27134-85	CF-412-00.3-NA-S	Total/NA	Solid	8015B NM	51184
880-27134-86	CF-413-00.3-NA-S	Total/NA	Solid	8015B NM	51184
880-27134-87	CF-414-00.3-NA-S	Total/NA	Solid	8015B NM	51184
880-27134-88	CF-415-00.3-NA-S	Total/NA	Solid	8015B NM	51184
880-27134-89	CF-416-00.3-NA-S	Total/NA	Solid	8015B NM	51184
880-27134-90	CF-417-00.3-NA-S	Total/NA	Solid	8015B NM	51184
MB 880-51112/1-A	Method Blank	Total/NA	Solid	8015B NM	51112
MB 880-51184/1-A	Method Blank	Total/NA	Solid	8015B NM	51184
LCS 880-51112/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	51112
LCS 880-51184/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	51184
LCSD 880-51112/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	51112
LCSD 880-51184/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	51184
880-27134-1 MS	CF-327-00.3-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-1 MSD	CF-327-00.3-NA-S	Total/NA	Solid	8015B NM	51112
880-27134-81 MS	CF-408-00.3-NA-S	Total/NA	Solid	8015B NM	51184
880-27134-81 MSD	CF-408-00.3-NA-S	Total/NA	Solid	8015B NM	51184

Analysis Batch: 51131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-61	CF-388-00.3-NA-S	Total/NA	Solid	8015B NM	51171
880-27134-62	CF-389-00.3-NA-S	Total/NA	Solid	8015B NM	51171
880-27134-63	CF-390-00.3-NA-S	Total/NA	Solid	8015B NM	51171
880-27134-64	CF-391-00.3-NA-S	Total/NA	Solid	8015B NM	51171
880-27134-65	CF-392-00.3-NA-S	Total/NA	Solid	8015B NM	51171
880-27134-66	CF-393-00.3-NA-S	Total/NA	Solid	8015B NM	51171
880-27134-67	CF-394-00.3-NA-S	Total/NA	Solid	8015B NM	51171
880-27134-68	CF-395-00.3-NA-S	Total/NA	Solid	8015B NM	51171
880-27134-69	CF-396-00.3-NA-S	Total/NA	Solid	8015B NM	51171
880-27134-70	CF-397-00.3-NA-S	Total/NA	Solid	8015B NM	51171
880-27134-121	CF-265-00.3-NA-S	Total/NA	Solid	8015B NM	51141
880-27134-122	CF-266-00.3-NA-P	Total/NA	Solid	8015B NM	51141
MB 880-51141/1-A	Method Blank	Total/NA	Solid	8015B NM	51141
MB 880-51171/1-A	Method Blank	Total/NA	Solid	8015B NM	51171
LCS 880-51141/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	51141
LCS 880-51171/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	51171
LCSD 880-51141/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	51141
LCSD 880-51171/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	51171
880-27134-61 MS	CF-388-00.3-NA-S	Total/NA	Solid	8015B NM	51171
880-27134-61 MSD	CF-388-00.3-NA-S	Total/NA	Solid	8015B NM	51171

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC Semi VOA

Analysis Batch: 51134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-21	CF-348-00.3-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-22	CF-349-00.3-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-23	CF-350-00.3-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-24	CF-351-00.3-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-25	CF-352-00.3-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-26	CF-353-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-27	CF-354-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-28	CF-355-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-29	CF-356-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-30	CF-357-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-31	CF-358-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-32	CF-359-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-33	CF-360-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-34	CF-361-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-35	CF-362-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-36	CF-363-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-37	CF-364-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-38	CF-365-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-39	CF-366-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-40	CF-367-04.0-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-41	CF-368-04.0-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-42	CF-369-04.0-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-43	CF-370-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-44	CF-371-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-45	CF-372-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-46	CF-373-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-47	CF-374-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-48	CF-375-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-49	CF-376-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-50	CF-377-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-51	CF-378-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-52	CF-379-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-53	CF-380-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-54	CF-381-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-55	CF-382-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-56	CF-383-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-57	CF-384-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-58	CF-385-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-59	CF-386-00.3-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-60	CF-387-00.3-NA-S	Total/NA	Solid	8015B NM	51170
MB 880-51149/1-A	Method Blank	Total/NA	Solid	8015B NM	51149
MB 880-51170/1-A	Method Blank	Total/NA	Solid	8015B NM	51170
LCS 880-51149/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	51149
LCS 880-51170/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	51170
LCSD 880-51149/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	51149
LCSD 880-51170/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	51170
880-27134-21 MS	CF-348-00.3-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-21 MSD	CF-348-00.3-NA-S	Total/NA	Solid	8015B NM	51149
880-27134-41 MS	CF-368-04.0-NA-S	Total/NA	Solid	8015B NM	51170
880-27134-41 MSD	CF-368-04.0-NA-S	Total/NA	Solid	8015B NM	51170

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC Semi VOA

Prep Batch: 51141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-121	CF-265-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-122	CF-266-00.3-NA-P	Total/NA	Solid	8015NM Prep	
MB 880-51141/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-51141/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-51141/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 51149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-21	CF-348-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-22	CF-349-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-23	CF-350-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-24	CF-351-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-25	CF-352-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-26	CF-353-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-27	CF-354-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-28	CF-355-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-29	CF-356-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-30	CF-357-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-31	CF-358-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-32	CF-359-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-33	CF-360-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-34	CF-361-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-35	CF-362-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-36	CF-363-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-37	CF-364-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-38	CF-365-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-39	CF-366-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-40	CF-367-04.0-NA-S	Total/NA	Solid	8015NM Prep	
MB 880-51149/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-51149/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-51149/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-27134-21 MS	CF-348-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-21 MSD	CF-348-00.3-NA-S	Total/NA	Solid	8015NM Prep	

Prep Batch: 51170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-41	CF-368-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-42	CF-369-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-43	CF-370-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-44	CF-371-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-45	CF-372-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-46	CF-373-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-47	CF-374-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-48	CF-375-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-49	CF-376-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-50	CF-377-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-51	CF-378-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-52	CF-379-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-53	CF-380-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-54	CF-381-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-55	CF-382-00.3-NA-S	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Prep Batch: 51170 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-56	CF-383-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-57	CF-384-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-58	CF-385-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-59	CF-386-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-60	CF-387-00.3-NA-S	Total/NA	Solid	8015NM Prep	
MB 880-51170/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-51170/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-51170/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-27134-41 MS	CF-368-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-41 MSD	CF-368-04.0-NA-S	Total/NA	Solid	8015NM Prep	

Prep Batch: 51171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-61	CF-388-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-62	CF-389-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-63	CF-390-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-64	CF-391-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-65	CF-392-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-66	CF-393-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-67	CF-394-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-68	CF-395-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-69	CF-396-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-70	CF-397-00.3-NA-S	Total/NA	Solid	8015NM Prep	
MB 880-51171/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-51171/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-51171/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-27134-61 MS	CF-388-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-61 MSD	CF-388-00.3-NA-S	Total/NA	Solid	8015NM Prep	

Prep Batch: 51184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-81	CF-408-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-82	CF-409-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-83	CF-410-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-84	CF-411-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-85	CF-412-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-86	CF-413-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-87	CF-414-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-88	CF-415-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-89	CF-416-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-90	CF-417-00.3-NA-S	Total/NA	Solid	8015NM Prep	
MB 880-51184/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-51184/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-51184/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-27134-81 MS	CF-408-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-81 MSD	CF-408-00.3-NA-S	Total/NA	Solid	8015NM Prep	

Prep Batch: 51186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-101	CF-428-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-102	CF-429-00.3-NA-S	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Prep Batch: 51186 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-103	CF-430-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-104	CF-431-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-105	CF-432-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-106	CF-433-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-107	CF-434-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-108	CF-435-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-109	CF-436-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-110	CF-437-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-111	CF-438-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-112	CF-439-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-113	CF-440-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-114	CF-441-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-115	CF-442-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-116	CF-443-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-117	CW-033-02.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-118	CW-034-02.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-119	CW-035-02.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-120	CF-277-00.3-NA-S	Total/NA	Solid	8015NM Prep	
MB 880-51186/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-51186/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-51186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-27134-101 MS	CF-428-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-101 MSD	CF-428-00.3-NA-S	Total/NA	Solid	8015NM Prep	

Analysis Batch: 51237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-101	CF-428-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-102	CF-429-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-103	CF-430-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-104	CF-431-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-105	CF-432-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-106	CF-433-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-107	CF-434-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-108	CF-435-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-109	CF-436-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-110	CF-437-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-111	CF-438-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-112	CF-439-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-113	CF-440-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-114	CF-441-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-115	CF-442-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-116	CF-443-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-117	CW-033-02.0-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-118	CW-034-02.0-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-119	CW-035-02.0-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-120	CF-277-00.3-NA-S	Total/NA	Solid	8015B NM	51186
MB 880-51186/1-A	Method Blank	Total/NA	Solid	8015B NM	51186
LCS 880-51186/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	51186
LCSD 880-51186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	51186
880-27134-101 MS	CF-428-00.3-NA-S	Total/NA	Solid	8015B NM	51186
880-27134-101 MSD	CF-428-00.3-NA-S	Total/NA	Solid	8015B NM	51186

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC Semi VOA

Analysis Batch: 51239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-71	CF-398-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-72	CF-399-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-73	CF-400-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-74	CF-401-04.0-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-75	CF-402-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-76	CF-403-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-77	CF-404-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-78	CF-405-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-79	CF-406-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-80	CF-407-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-91	CF-418-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-92	CF-419-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-93	CF-420-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-94	CF-421-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-95	CF-422-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-96	CF-423-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-97	CF-424-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-98	CF-425-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-99	CF-426-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-100	CF-427-00.3-NA-S	Total/NA	Solid	8015B NM	51245
MB 880-51245/1-A	Method Blank	Total/NA	Solid	8015B NM	51245
LCS 880-51245/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	51245
LCSD 880-51245/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	51245
880-27134-71 MS	CF-398-00.3-NA-S	Total/NA	Solid	8015B NM	51245
880-27134-71 MSD	CF-398-00.3-NA-S	Total/NA	Solid	8015B NM	51245

Prep Batch: 51245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-71	CF-398-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-72	CF-399-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-73	CF-400-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-74	CF-401-04.0-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-75	CF-402-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-76	CF-403-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-77	CF-404-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-78	CF-405-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-79	CF-406-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-80	CF-407-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-91	CF-418-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-92	CF-419-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-93	CF-420-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-94	CF-421-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-95	CF-422-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-96	CF-423-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-97	CF-424-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-98	CF-425-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-99	CF-426-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-100	CF-427-00.3-NA-S	Total/NA	Solid	8015NM Prep	
MB 880-51245/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-51245/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-51245/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Prep Batch: 51245 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-71 MS	CF-398-00.3-NA-S	Total/NA	Solid	8015NM Prep	
880-27134-71 MSD	CF-398-00.3-NA-S	Total/NA	Solid	8015NM Prep	

Analysis Batch: 51300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-1	CF-327-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-2	CF-328-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-3	CF-329-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-4	CF-330-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-5	CF-331-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-6	CF-332-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-7	CF-333-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-8	CF-334-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-9	CF-335-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-10	CF-336-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-11	CF-337-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-12	CF-338-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-13	CF-339-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-14	CF-340-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-15	CF-341-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-16	CF-342-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-17	CF-343-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-18	CF-345-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-19	CF-346-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-20	CF-347-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-21	CF-348-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-22	CF-349-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-23	CF-350-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-24	CF-351-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-25	CF-352-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-26	CF-353-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-27	CF-354-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-28	CF-355-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-29	CF-356-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-30	CF-357-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-31	CF-358-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-32	CF-359-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-33	CF-360-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-34	CF-361-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-35	CF-362-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-36	CF-363-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-37	CF-364-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-38	CF-365-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-39	CF-366-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-40	CF-367-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-41	CF-368-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-42	CF-369-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-43	CF-370-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-44	CF-371-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-45	CF-372-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-46	CF-373-00.3-NA-S	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Analysis Batch: 51300 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-47	CF-374-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-48	CF-375-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-49	CF-376-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-50	CF-377-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-51	CF-378-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-52	CF-379-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-53	CF-380-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-54	CF-381-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-55	CF-382-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-56	CF-383-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-57	CF-384-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-58	CF-385-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-59	CF-386-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-60	CF-387-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-61	CF-388-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-62	CF-389-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-63	CF-390-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-64	CF-391-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-65	CF-392-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-66	CF-393-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-67	CF-394-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-68	CF-395-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-69	CF-396-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-70	CF-397-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-71	CF-398-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-72	CF-399-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-73	CF-400-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-74	CF-401-04.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-75	CF-402-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-76	CF-403-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-77	CF-404-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-78	CF-405-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-79	CF-406-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-80	CF-407-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-81	CF-408-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-82	CF-409-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-83	CF-410-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-84	CF-411-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-85	CF-412-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-86	CF-413-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-87	CF-414-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-88	CF-415-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-89	CF-416-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-90	CF-417-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-91	CF-418-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-92	CF-419-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-93	CF-420-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-94	CF-421-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-95	CF-422-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-96	CF-423-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-97	CF-424-00.3-NA-S	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

GC Semi VOA (Continued)

Analysis Batch: 51300 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-98	CF-425-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-99	CF-426-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-100	CF-427-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-101	CF-428-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-102	CF-429-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-103	CF-430-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-104	CF-431-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-105	CF-432-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-106	CF-433-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-107	CF-434-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-108	CF-435-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-109	CF-436-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-110	CF-437-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-111	CF-438-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-112	CF-439-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-113	CF-440-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-114	CF-441-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-115	CF-442-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-116	CF-443-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-117	CW-033-02.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-118	CW-034-02.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-119	CW-035-02.0-NA-S	Total/NA	Solid	8015 NM	
880-27134-120	CF-277-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-121	CF-265-00.3-NA-S	Total/NA	Solid	8015 NM	
880-27134-122	CF-266-00.3-NA-P	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 51090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-1	CF-327-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-2	CF-328-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-3	CF-329-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-4	CF-330-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-5	CF-331-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-6	CF-332-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-7	CF-333-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-8	CF-334-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-9	CF-335-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-10	CF-336-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-11	CF-337-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-12	CF-338-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-13	CF-339-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-14	CF-340-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-15	CF-341-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-16	CF-342-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-17	CF-343-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-18	CF-345-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-19	CF-346-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-20	CF-347-00.3-NA-S	Soluble	Solid	DI Leach	
MB 880-51090/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Leach Batch: 51090 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-51090/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-51090/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27134-1 MS	CF-327-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-1 MSD	CF-327-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-11 MS	CF-337-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-11 MSD	CF-337-04.0-NA-S	Soluble	Solid	DI Leach	

Leach Batch: 51091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-21	CF-348-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-22	CF-349-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-23	CF-350-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-24	CF-351-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-25	CF-352-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-26	CF-353-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-27	CF-354-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-28	CF-355-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-29	CF-356-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-30	CF-357-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-31	CF-358-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-32	CF-359-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-33	CF-360-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-34	CF-361-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-35	CF-362-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-36	CF-363-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-37	CF-364-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-38	CF-365-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-39	CF-366-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-40	CF-367-04.0-NA-S	Soluble	Solid	DI Leach	
MB 880-51091/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-51091/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-51091/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27134-21 MS	CF-348-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-21 MSD	CF-348-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-31 MS	CF-358-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-31 MSD	CF-358-04.0-NA-S	Soluble	Solid	DI Leach	

Leach Batch: 51092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-41	CF-368-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-42	CF-369-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-43	CF-370-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-44	CF-371-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-45	CF-372-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-46	CF-373-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-47	CF-374-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-48	CF-375-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-49	CF-376-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-50	CF-377-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-51	CF-378-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-52	CF-379-00.3-NA-S	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Leach Batch: 51092 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-53	CF-380-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-54	CF-381-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-55	CF-382-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-56	CF-383-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-57	CF-384-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-58	CF-385-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-59	CF-386-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-60	CF-387-00.3-NA-S	Soluble	Solid	DI Leach	
MB 880-51092/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-51092/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-51092/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27134-41 MS	CF-368-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-41 MSD	CF-368-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-51 MS	CF-378-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-51 MSD	CF-378-00.3-NA-S	Soluble	Solid	DI Leach	

Leach Batch: 51093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-61	CF-388-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-62	CF-389-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-63	CF-390-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-64	CF-391-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-65	CF-392-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-66	CF-393-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-67	CF-394-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-68	CF-395-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-69	CF-396-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-70	CF-397-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-71	CF-398-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-72	CF-399-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-73	CF-400-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-74	CF-401-04.0-NA-S	Soluble	Solid	DI Leach	
880-27134-75	CF-402-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-76	CF-403-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-77	CF-404-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-78	CF-405-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-79	CF-406-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-80	CF-407-00.3-NA-S	Soluble	Solid	DI Leach	
MB 880-51093/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-51093/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-51093/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27134-61 MS	CF-388-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-61 MSD	CF-388-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-71 MS	CF-398-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-71 MSD	CF-398-00.3-NA-S	Soluble	Solid	DI Leach	

Leach Batch: 51094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-81	CF-408-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-82	CF-409-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-83	CF-410-00.3-NA-S	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Leach Batch: 51094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-84	CF-411-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-85	CF-412-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-86	CF-413-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-87	CF-414-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-88	CF-415-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-89	CF-416-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-90	CF-417-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-91	CF-418-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-92	CF-419-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-93	CF-420-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-94	CF-421-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-95	CF-422-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-96	CF-423-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-97	CF-424-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-98	CF-425-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-99	CF-426-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-100	CF-427-00.3-NA-S	Soluble	Solid	DI Leach	
MB 880-51094/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-51094/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-51094/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27134-81 MS	CF-408-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-81 MSD	CF-408-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-91 MS	CF-418-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-91 MSD	CF-418-00.3-NA-S	Soluble	Solid	DI Leach	

Leach Batch: 51095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-101	CF-428-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-102	CF-429-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-103	CF-430-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-104	CF-431-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-105	CF-432-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-106	CF-433-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-107	CF-434-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-108	CF-435-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-109	CF-436-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-110	CF-437-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-111	CF-438-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-112	CF-439-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-113	CF-440-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-114	CF-441-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-115	CF-442-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-116	CF-443-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-117	CW-033-02.0-NA-S	Soluble	Solid	DI Leach	
880-27134-118	CW-034-02.0-NA-S	Soluble	Solid	DI Leach	
880-27134-119	CW-035-02.0-NA-S	Soluble	Solid	DI Leach	
880-27134-120	CF-277-00.3-NA-S	Soluble	Solid	DI Leach	
MB 880-51095/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-51095/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-51095/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27134-101 MS	CF-428-00.3-NA-S	Soluble	Solid	DI Leach	

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Leach Batch: 51095 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-101 MSD	CF-428-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-111 MS	CF-438-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-111 MSD	CF-438-00.3-NA-S	Soluble	Solid	DI Leach	

Leach Batch: 51097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-121	CF-265-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-122	CF-266-00.3-NA-P	Soluble	Solid	DI Leach	
MB 880-51097/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-51097/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-51097/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27134-121 MS	CF-265-00.3-NA-S	Soluble	Solid	DI Leach	
880-27134-121 MSD	CF-265-00.3-NA-S	Soluble	Solid	DI Leach	

Analysis Batch: 51422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-121	CF-265-00.3-NA-S	Soluble	Solid	300.0	51097
880-27134-122	CF-266-00.3-NA-P	Soluble	Solid	300.0	51097
MB 880-51097/1-A	Method Blank	Soluble	Solid	300.0	51097
LCS 880-51097/2-A	Lab Control Sample	Soluble	Solid	300.0	51097
LCSD 880-51097/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	51097
880-27134-121 MS	CF-265-00.3-NA-S	Soluble	Solid	300.0	51097
880-27134-121 MSD	CF-265-00.3-NA-S	Soluble	Solid	300.0	51097

Analysis Batch: 51766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-21	CF-348-00.3-NA-S	Soluble	Solid	300.0	51091
880-27134-22	CF-349-00.3-NA-S	Soluble	Solid	300.0	51091
880-27134-23	CF-350-00.3-NA-S	Soluble	Solid	300.0	51091
880-27134-24	CF-351-00.3-NA-S	Soluble	Solid	300.0	51091
880-27134-25	CF-352-00.3-NA-S	Soluble	Solid	300.0	51091
880-27134-26	CF-353-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-27	CF-354-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-28	CF-355-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-29	CF-356-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-30	CF-357-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-31	CF-358-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-32	CF-359-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-33	CF-360-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-34	CF-361-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-35	CF-362-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-36	CF-363-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-37	CF-364-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-38	CF-365-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-39	CF-366-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-40	CF-367-04.0-NA-S	Soluble	Solid	300.0	51091
MB 880-51091/1-A	Method Blank	Soluble	Solid	300.0	51091
LCS 880-51091/2-A	Lab Control Sample	Soluble	Solid	300.0	51091
LCSD 880-51091/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	51091
880-27134-21 MS	CF-348-00.3-NA-S	Soluble	Solid	300.0	51091
880-27134-21 MSD	CF-348-00.3-NA-S	Soluble	Solid	300.0	51091

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Analysis Batch: 51766 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-31 MS	CF-358-04.0-NA-S	Soluble	Solid	300.0	51091
880-27134-31 MSD	CF-358-04.0-NA-S	Soluble	Solid	300.0	51091

Analysis Batch: 51767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-1	CF-327-00.3-NA-S	Soluble	Solid	300.0	51090
880-27134-2	CF-328-00.3-NA-S	Soluble	Solid	300.0	51090
880-27134-3	CF-329-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-4	CF-330-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-5	CF-331-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-6	CF-332-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-7	CF-333-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-8	CF-334-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-9	CF-335-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-10	CF-336-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-11	CF-337-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-12	CF-338-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-13	CF-339-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-14	CF-340-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-15	CF-341-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-16	CF-342-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-17	CF-343-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-18	CF-345-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-19	CF-346-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-20	CF-347-00.3-NA-S	Soluble	Solid	300.0	51090
MB 880-51090/1-A	Method Blank	Soluble	Solid	300.0	51090
LCS 880-51090/2-A	Lab Control Sample	Soluble	Solid	300.0	51090
LCSD 880-51090/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	51090
880-27134-1 MS	CF-327-00.3-NA-S	Soluble	Solid	300.0	51090
880-27134-1 MSD	CF-327-00.3-NA-S	Soluble	Solid	300.0	51090
880-27134-11 MS	CF-337-04.0-NA-S	Soluble	Solid	300.0	51090
880-27134-11 MSD	CF-337-04.0-NA-S	Soluble	Solid	300.0	51090

Analysis Batch: 51768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-41	CF-368-04.0-NA-S	Soluble	Solid	300.0	51092
880-27134-42	CF-369-04.0-NA-S	Soluble	Solid	300.0	51092
880-27134-43	CF-370-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-44	CF-371-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-45	CF-372-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-46	CF-373-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-47	CF-374-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-48	CF-375-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-49	CF-376-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-50	CF-377-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-51	CF-378-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-52	CF-379-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-53	CF-380-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-54	CF-381-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-55	CF-382-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-56	CF-383-00.3-NA-S	Soluble	Solid	300.0	51092

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Analysis Batch: 51768 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-57	CF-384-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-58	CF-385-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-59	CF-386-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-60	CF-387-00.3-NA-S	Soluble	Solid	300.0	51092
MB 880-51092/1-A	Method Blank	Soluble	Solid	300.0	51092
LCS 880-51092/2-A	Lab Control Sample	Soluble	Solid	300.0	51092
LCSD 880-51092/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	51092
880-27134-41 MS	CF-368-04.0-NA-S	Soluble	Solid	300.0	51092
880-27134-41 MSD	CF-368-04.0-NA-S	Soluble	Solid	300.0	51092
880-27134-51 MS	CF-378-00.3-NA-S	Soluble	Solid	300.0	51092
880-27134-51 MSD	CF-378-00.3-NA-S	Soluble	Solid	300.0	51092

Analysis Batch: 51769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-61	CF-388-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-62	CF-389-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-63	CF-390-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-64	CF-391-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-65	CF-392-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-66	CF-393-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-67	CF-394-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-68	CF-395-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-69	CF-396-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-70	CF-397-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-71	CF-398-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-72	CF-399-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-73	CF-400-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-74	CF-401-04.0-NA-S	Soluble	Solid	300.0	51093
880-27134-75	CF-402-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-76	CF-403-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-77	CF-404-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-78	CF-405-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-79	CF-406-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-80	CF-407-00.3-NA-S	Soluble	Solid	300.0	51093
MB 880-51093/1-A	Method Blank	Soluble	Solid	300.0	51093
LCS 880-51093/2-A	Lab Control Sample	Soluble	Solid	300.0	51093
LCSD 880-51093/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	51093
880-27134-61 MS	CF-388-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-61 MSD	CF-388-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-71 MS	CF-398-00.3-NA-S	Soluble	Solid	300.0	51093
880-27134-71 MSD	CF-398-00.3-NA-S	Soluble	Solid	300.0	51093

Analysis Batch: 51772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-81	CF-408-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-82	CF-409-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-83	CF-410-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-84	CF-411-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-85	CF-412-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-86	CF-413-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-87	CF-414-00.3-NA-S	Soluble	Solid	300.0	51094

QC Association Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

HPLC/IC (Continued)

Analysis Batch: 51772 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-88	CF-415-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-89	CF-416-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-90	CF-417-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-91	CF-418-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-92	CF-419-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-93	CF-420-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-94	CF-421-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-95	CF-422-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-96	CF-423-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-97	CF-424-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-98	CF-425-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-99	CF-426-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-100	CF-427-00.3-NA-S	Soluble	Solid	300.0	51094
MB 880-51094/1-A	Method Blank	Soluble	Solid	300.0	51094
LCS 880-51094/2-A	Lab Control Sample	Soluble	Solid	300.0	51094
LCSD 880-51094/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	51094
880-27134-81 MS	CF-408-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-81 MSD	CF-408-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-91 MS	CF-418-00.3-NA-S	Soluble	Solid	300.0	51094
880-27134-91 MSD	CF-418-00.3-NA-S	Soluble	Solid	300.0	51094

Analysis Batch: 51773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27134-101	CF-428-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-102	CF-429-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-103	CF-430-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-104	CF-431-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-105	CF-432-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-106	CF-433-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-107	CF-434-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-108	CF-435-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-109	CF-436-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-110	CF-437-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-111	CF-438-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-112	CF-439-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-113	CF-440-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-114	CF-441-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-115	CF-442-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-116	CF-443-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-117	CW-033-02.0-NA-S	Soluble	Solid	300.0	51095
880-27134-118	CW-034-02.0-NA-S	Soluble	Solid	300.0	51095
880-27134-119	CW-035-02.0-NA-S	Soluble	Solid	300.0	51095
880-27134-120	CF-277-00.3-NA-S	Soluble	Solid	300.0	51095
MB 880-51095/1-A	Method Blank	Soluble	Solid	300.0	51095
LCS 880-51095/2-A	Lab Control Sample	Soluble	Solid	300.0	51095
LCSD 880-51095/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	51095
880-27134-101 MS	CF-428-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-101 MSD	CF-428-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-111 MS	CF-438-00.3-NA-S	Soluble	Solid	300.0	51095
880-27134-111 MSD	CF-438-00.3-NA-S	Soluble	Solid	300.0	51095

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-327-00.3-NA-S

Lab Sample ID: 880-27134-1
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 01:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 11:42	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 15:32	SMC	EET MID

Client Sample ID: CF-328-00.3-NA-S

Lab Sample ID: 880-27134-2
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 02:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 12:48	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 15:59	SMC	EET MID

Client Sample ID: CF-329-04.0-NA-S

Lab Sample ID: 880-27134-3
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 02:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 13:10	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 16:04	SMC	EET MID

Client Sample ID: CF-330-04.0-NA-S

Lab Sample ID: 880-27134-4
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 03:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-330-04.0-NA-S

Lab Sample ID: 880-27134-4
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 13:32	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 16:08	SMC	EET MID

Client Sample ID: CF-331-04.0-NA-S

Lab Sample ID: 880-27134-5
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 03:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 14:08	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 16:13	SMC	EET MID

Client Sample ID: CF-332-04.0-NA-S

Lab Sample ID: 880-27134-6
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 04:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 14:30	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 16:27	SMC	EET MID

Client Sample ID: CF-333-04.0-NA-S

Lab Sample ID: 880-27134-7
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 04:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 14:52	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-333-04.0-NA-S

Lab Sample ID: 880-27134-7
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 16:31	SMC	EET MID

Client Sample ID: CF-334-04.0-NA-S

Lab Sample ID: 880-27134-8
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 05:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 15:14	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 16:36	SMC	EET MID

Client Sample ID: CF-335-04.0-NA-S

Lab Sample ID: 880-27134-9
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 05:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 15:36	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 16:40	SMC	EET MID

Client Sample ID: CF-336-04.0-NA-S

Lab Sample ID: 880-27134-10
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 05:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 15:58	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 16:45	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-337-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 07:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 16:41	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 16:54	SMC	EET MID

Client Sample ID: CF-338-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 08:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 17:03	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 17:08	SMC	EET MID

Client Sample ID: CF-339-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 08:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 17:26	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 17:12	SMC	EET MID

Client Sample ID: CF-340-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 09:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-340-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 17:48	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 17:26	SMC	EET MID

Client Sample ID: CF-341-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 09:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 18:09	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 17:31	SMC	EET MID

Client Sample ID: CF-342-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 12:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 18:31	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 17:35	SMC	EET MID

Client Sample ID: CF-343-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 18:53	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-343-04.0-NA-S
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 17:40	SMC	EET MID

Client Sample ID: CF-345-04.0-NA-S
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 13:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 19:14	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 17:44	SMC	EET MID

Client Sample ID: CF-346-04.0-NA-S
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 14:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 19:36	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 17:49	SMC	EET MID

Client Sample ID: CF-347-00.3-NA-S
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	51073	04/13/23 12:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 14:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51112	04/13/23 16:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 19:58	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	51090	04/13/23 13:58	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51767	04/21/23 17:53	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-348-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 18:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 11:54	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/21/23 19:37	SMC	EET MID

Client Sample ID: CF-349-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 18:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 12:57	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/21/23 19:51	SMC	EET MID

Client Sample ID: CF-350-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 19:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 13:18	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/21/23 19:56	SMC	EET MID

Client Sample ID: CF-351-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 19:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-351-00.3-NA-S

Lab Sample ID: 880-27134-24
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 13:39	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/21/23 20:00	SMC	EET MID

Client Sample ID: CF-352-00.3-NA-S

Lab Sample ID: 880-27134-25
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 20:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 14:00	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/21/23 20:05	SMC	EET MID

Client Sample ID: CF-353-04.0-NA-S

Lab Sample ID: 880-27134-26
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 20:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 14:21	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/21/23 20:19	SMC	EET MID

Client Sample ID: CF-354-04.0-NA-S

Lab Sample ID: 880-27134-27
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 21:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 14:42	SM	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-354-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/21/23 20:23	SMC	EET MID

Client Sample ID: CF-355-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 21:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 15:04	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/21/23 20:28	SMC	EET MID

Client Sample ID: CF-356-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 22:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 15:25	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/21/23 20:32	SMC	EET MID

Client Sample ID: CF-357-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/15/23 22:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 15:46	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/21/23 20:37	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-358-04.0-NA-S

Lab Sample ID: 880-27134-31
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/16/23 00:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 16:29	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/21/23 20:41	SMC	EET MID

Client Sample ID: CF-359-04.0-NA-S

Lab Sample ID: 880-27134-32
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/16/23 00:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 16:50	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/22/23 10:58	SMC	EET MID

Client Sample ID: CF-360-04.0-NA-S

Lab Sample ID: 880-27134-33
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/16/23 01:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 17:11	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/22/23 11:03	SMC	EET MID

Client Sample ID: CF-361-04.0-NA-S

Lab Sample ID: 880-27134-34
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/16/23 01:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-361-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 17:32	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/22/23 11:16	SMC	EET MID

Client Sample ID: CF-362-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/16/23 01:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 17:54	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/22/23 11:21	SMC	EET MID

Client Sample ID: CF-363-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/16/23 02:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 18:14	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/22/23 11:25	SMC	EET MID

Client Sample ID: CF-364-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/16/23 02:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 18:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-364-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/22/23 11:30	SMC	EET MID

Client Sample ID: CF-365-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/16/23 03:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 18:55	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/22/23 11:34	SMC	EET MID

Client Sample ID: CF-366-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/16/23 03:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 19:16	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/22/23 11:39	SMC	EET MID

Client Sample ID: CF-367-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51074	04/13/23 12:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51137	04/16/23 04:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51149	04/14/23 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 19:37	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51091	04/13/23 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51766	04/22/23 11:44	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-368-04.0-NA-S

Lab Sample ID: 880-27134-41
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 08:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 21:18	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 16:00	SMC	EET MID

Client Sample ID: CF-369-04.0-NA-S

Lab Sample ID: 880-27134-42
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 08:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 22:20	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 16:15	SMC	EET MID

Client Sample ID: CF-370-00.3-NA-S

Lab Sample ID: 880-27134-43
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 09:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 22:40	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 16:20	SMC	EET MID

Client Sample ID: CF-371-00.3-NA-S

Lab Sample ID: 880-27134-44
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 09:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-371-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-44

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 23:00	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 16:24	SMC	EET MID

Client Sample ID: CF-372-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-45

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 09:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 23:21	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 16:29	SMC	EET MID

Client Sample ID: CF-373-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-46

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 13:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/14/23 23:41	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 16:44	SMC	EET MID

Client Sample ID: CF-374-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 13:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 00:01	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-374-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 16:54	SMC	EET MID

Client Sample ID: CF-375-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-48

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 14:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 00:21	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 16:58	SMC	EET MID

Client Sample ID: CF-376-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-49

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 14:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 00:42	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 17:03	SMC	EET MID

Client Sample ID: CF-377-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 14:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 01:02	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 17:08	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-378-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-51

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 16:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 01:42	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 17:13	SMC	EET MID

Client Sample ID: CF-379-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-52

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 16:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 02:02	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 17:27	SMC	EET MID

Client Sample ID: CF-380-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-53

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51262	04/16/23 11:51	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/16/23 15:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 14:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 02:23	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 17:32	SMC	EET MID

Client Sample ID: CF-381-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-54

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 17:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-381-00.3-NA-S

Lab Sample ID: 880-27134-54
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 02:43	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 17:47	SMC	EET MID

Client Sample ID: CF-382-00.3-NA-S

Lab Sample ID: 880-27134-55
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 17:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 03:03	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 17:52	SMC	EET MID

Client Sample ID: CF-383-00.3-NA-S

Lab Sample ID: 880-27134-56
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 17:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 03:24	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 17:56	SMC	EET MID

Client Sample ID: CF-384-00.3-NA-S

Lab Sample ID: 880-27134-57
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 18:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 03:44	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-384-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-57

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 18:01	SMC	EET MID

Client Sample ID: CF-385-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-58

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 04:05	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 18:06	SMC	EET MID

Client Sample ID: CF-386-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-59

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 18:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 04:25	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 18:11	SMC	EET MID

Client Sample ID: CF-387-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-60

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51075	04/13/23 12:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51139	04/15/23 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 09:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51170	04/14/23 10:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51134	04/15/23 04:46	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51092	04/13/23 14:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51768	04/21/23 18:16	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-388-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-61

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51076	04/13/23 12:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51140	04/15/23 08:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51171	04/14/23 10:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51131	04/14/23 21:44	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 19:57	SMC	EET MID

Client Sample ID: CF-389-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-62

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51076	04/13/23 12:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51140	04/15/23 09:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51171	04/14/23 10:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51131	04/14/23 22:48	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 20:11	SMC	EET MID

Client Sample ID: CF-390-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-63

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51076	04/13/23 12:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51140	04/15/23 09:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51171	04/14/23 10:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51131	04/14/23 23:09	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 20:16	SMC	EET MID

Client Sample ID: CF-391-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-64

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51076	04/13/23 12:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51140	04/15/23 12:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:17	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-391-00.3-NA-S

Lab Sample ID: 880-27134-64
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51171	04/14/23 10:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51131	04/14/23 23:31	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 20:21	SMC	EET MID

Client Sample ID: CF-392-00.3-NA-S

Lab Sample ID: 880-27134-65
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51076	04/13/23 12:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51140	04/15/23 13:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51171	04/14/23 10:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51131	04/14/23 23:52	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 20:26	SMC	EET MID

Client Sample ID: CF-393-00.3-NA-S

Lab Sample ID: 880-27134-66
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51076	04/13/23 12:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51140	04/15/23 13:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51171	04/14/23 10:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51131	04/15/23 00:13	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 20:40	SMC	EET MID

Client Sample ID: CF-394-00.3-NA-S

Lab Sample ID: 880-27134-67
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51076	04/13/23 12:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51140	04/15/23 14:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51171	04/14/23 10:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51131	04/15/23 00:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-394-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-67

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 20:45	SMC	EET MID

Client Sample ID: CF-395-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-68

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51076	04/13/23 12:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51140	04/15/23 14:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51171	04/14/23 10:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51131	04/15/23 07:05	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 20:50	SMC	EET MID

Client Sample ID: CF-396-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-69

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51076	04/13/23 12:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51140	04/15/23 14:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51171	04/14/23 10:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51131	04/15/23 07:27	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 20:55	SMC	EET MID

Client Sample ID: CF-397-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-70

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51076	04/13/23 12:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51140	04/15/23 15:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 15:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51171	04/14/23 10:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51131	04/15/23 07:47	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 21:00	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-398-00.3-NA-S

Lab Sample ID: 880-27134-71
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51262	04/16/23 11:51	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/16/23 15:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 14:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 12:31	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 21:04	SMC	EET MID

Client Sample ID: CF-399-00.3-NA-S

Lab Sample ID: 880-27134-72
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	51262	04/16/23 11:51	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/16/23 16:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 14:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 13:35	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 21:19	SMC	EET MID

Client Sample ID: CF-400-00.3-NA-S

Lab Sample ID: 880-27134-73
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51262	04/16/23 11:51	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/16/23 16:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 14:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 13:57	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 21:24	SMC	EET MID

Client Sample ID: CF-401-04.0-NA-S

Lab Sample ID: 880-27134-74
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51262	04/16/23 11:51	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/16/23 16:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 14:06	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-401-04.0-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-74

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 14:18	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 21:38	SMC	EET MID

Client Sample ID: CF-402-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-75

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51262	04/16/23 11:51	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/16/23 17:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 14:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 14:40	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 21:43	SMC	EET MID

Client Sample ID: CF-403-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-76

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	51262	04/16/23 11:51	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/16/23 17:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 14:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 15:01	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 21:48	SMC	EET MID

Client Sample ID: CF-404-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-77

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51262	04/16/23 11:51	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/16/23 17:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 14:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 15:24	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-404-00.3-NA-S
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 21:53	SMC	EET MID

Client Sample ID: CF-405-00.3-NA-S
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-78
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51262	04/16/23 11:51	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/16/23 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 14:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 15:45	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 21:58	SMC	EET MID

Client Sample ID: CF-406-00.3-NA-S
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-79
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51262	04/16/23 11:51	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/16/23 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 14:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 16:07	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 22:02	SMC	EET MID

Client Sample ID: CF-407-00.3-NA-S
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-80
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	51262	04/16/23 11:51	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/16/23 20:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/17/23 14:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 16:29	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51093	04/13/23 14:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51769	04/21/23 22:07	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-408-00.3-NA-S

Lab Sample ID: 880-27134-81
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 16:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51184	04/14/23 11:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 21:44	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 12:25	SMC	EET MID

Client Sample ID: CF-409-00.3-NA-S

Lab Sample ID: 880-27134-82
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 16:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51184	04/14/23 11:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 22:48	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 12:38	SMC	EET MID

Client Sample ID: CF-410-00.3-NA-S

Lab Sample ID: 880-27134-83
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 16:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51184	04/14/23 11:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 23:09	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 12:43	SMC	EET MID

Client Sample ID: CF-411-00.3-NA-S

Lab Sample ID: 880-27134-84
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 17:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-411-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-84

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51184	04/14/23 11:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 23:31	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 12:48	SMC	EET MID

Client Sample ID: CF-412-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-85

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 17:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	51184	04/14/23 11:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/14/23 23:52	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 12:52	SMC	EET MID

Client Sample ID: CF-413-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-86

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 18:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51184	04/14/23 11:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/15/23 00:13	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 13:06	SMC	EET MID

Client Sample ID: CF-414-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-87

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 18:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51184	04/14/23 11:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/15/23 00:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-414-00.3-NA-S
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-87
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 13:10	SMC	EET MID

Client Sample ID: CF-415-00.3-NA-S
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-88
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 18:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51184	04/14/23 11:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/15/23 07:05	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 13:15	SMC	EET MID

Client Sample ID: CF-416-00.3-NA-S
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-89
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 19:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51184	04/14/23 11:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/15/23 07:27	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 13:19	SMC	EET MID

Client Sample ID: CF-417-00.3-NA-S
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-90
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 19:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51184	04/14/23 11:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51129	04/15/23 07:47	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 13:24	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-418-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-91

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 21:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 17:12	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 13:29	SMC	EET MID

Client Sample ID: CF-419-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-92

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 21:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 17:34	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 13:42	SMC	EET MID

Client Sample ID: CF-420-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-93

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 21:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 17:56	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 13:47	SMC	EET MID

Client Sample ID: CF-421-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-94

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 22:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-421-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-94

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 18:17	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 14:01	SMC	EET MID

Client Sample ID: CF-422-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-95

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 22:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 18:39	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 14:05	SMC	EET MID

Client Sample ID: CF-423-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-96

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 22:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 19:00	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 14:10	SMC	EET MID

Client Sample ID: CF-424-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-97

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 23:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 19:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-424-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-97

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 14:14	SMC	EET MID

Client Sample ID: CF-425-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-98

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 23:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 19:44	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 14:19	SMC	EET MID

Client Sample ID: CF-426-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-99

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/15/23 23:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 20:06	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 14:23	SMC	EET MID

Client Sample ID: CF-427-00.3-NA-S

Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Lab Sample ID: 880-27134-100

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	51077	04/13/23 12:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/16/23 00:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/16/23 10:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51245	04/15/23 09:17	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51239	04/15/23 20:27	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51094	04/13/23 14:03	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51772	04/22/23 14:28	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-428-00.3-NA-S

Lab Sample ID: 880-27134-101
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 12:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 12:31	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 15:05	SMC	EET MID

Client Sample ID: CF-429-00.3-NA-S

Lab Sample ID: 880-27134-102
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 13:35	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 15:18	SMC	EET MID

Client Sample ID: CF-430-00.3-NA-S

Lab Sample ID: 880-27134-103
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 13:57	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 15:23	SMC	EET MID

Client Sample ID: CF-431-00.3-NA-S

Lab Sample ID: 880-27134-104
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 13:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-431-00.3-NA-S

Lab Sample ID: 880-27134-104
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 14:18	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 15:27	SMC	EET MID

Client Sample ID: CF-432-00.3-NA-S

Lab Sample ID: 880-27134-105
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 13:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 14:40	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 15:32	SMC	EET MID

Client Sample ID: CF-433-00.3-NA-S

Lab Sample ID: 880-27134-106
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 14:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 15:01	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 15:46	SMC	EET MID

Client Sample ID: CF-434-00.3-NA-S

Lab Sample ID: 880-27134-107
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 14:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 15:24	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-434-00.3-NA-S

Lab Sample ID: 880-27134-107
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 15:50	SMC	EET MID

Client Sample ID: CF-435-00.3-NA-S

Lab Sample ID: 880-27134-108
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 15:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 15:45	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 15:55	SMC	EET MID

Client Sample ID: CF-436-00.3-NA-S

Lab Sample ID: 880-27134-109
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 15:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 16:07	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 15:59	SMC	EET MID

Client Sample ID: CF-437-00.3-NA-S

Lab Sample ID: 880-27134-110
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 16:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 16:29	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 16:04	SMC	EET MID

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-438-00.3-NA-S

Lab Sample ID: 880-27134-111
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 18:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 17:12	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 16:08	SMC	EET MID

Client Sample ID: CF-439-00.3-NA-S

Lab Sample ID: 880-27134-112
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 18:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 17:34	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 16:22	SMC	EET MID

Client Sample ID: CF-440-00.3-NA-S

Lab Sample ID: 880-27134-113
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 19:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 17:56	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 16:27	SMC	EET MID

Client Sample ID: CF-441-00.3-NA-S

Lab Sample ID: 880-27134-114
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 19:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-441-00.3-NA-S

Lab Sample ID: 880-27134-114
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 18:17	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 16:41	SMC	EET MID

Client Sample ID: CF-442-00.3-NA-S

Lab Sample ID: 880-27134-115
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 20:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 18:39	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 16:45	SMC	EET MID

Client Sample ID: CF-443-00.3-NA-S

Lab Sample ID: 880-27134-116
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 20:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 19:00	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 16:50	SMC	EET MID

Client Sample ID: CW-033-02.0-NA-S

Lab Sample ID: 880-27134-117
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 20:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 19:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CW-033-02.0-NA-S

Lab Sample ID: 880-27134-117
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 16:54	SMC	EET MID

Client Sample ID: CW-034-02.0-NA-S

Lab Sample ID: 880-27134-118
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 21:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 19:44	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 16:59	SMC	EET MID

Client Sample ID: CW-035-02.0-NA-S

Lab Sample ID: 880-27134-119
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 21:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 20:06	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 17:03	SMC	EET MID

Client Sample ID: CF-277-00.3-NA-S

Lab Sample ID: 880-27134-120
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	51078	04/13/23 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51274	04/17/23 22:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51186	04/14/23 12:01	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51237	04/15/23 20:27	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51095	04/13/23 14:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51773	04/22/23 17:08	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Client Sample ID: CF-265-00.3-NA-S

Lab Sample ID: 880-27134-121
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	51109	04/13/23 15:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51295	04/18/23 03:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51141	04/14/23 08:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51131	04/14/23 19:36	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51097	04/13/23 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51422	04/20/23 23:59	SMC	EET MID

Client Sample ID: CF-266-00.3-NA-P

Lab Sample ID: 880-27134-122
Matrix: Solid
Date Collected: 04/06/23 00:00
Date Received: 04/13/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	51109	04/13/23 15:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51295	04/18/23 03:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51255	04/18/23 12:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51300	04/17/23 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51141	04/14/23 08:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51131	04/14/23 19:58	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51097	04/13/23 14:06	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	51422	04/21/23 00:14	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Trinity Oilfield Services & Rentals, LLC
Job ID: 880-27134-1
Project/Site: 7520 Crazy Horse CTB
SDG: Eddy Co., NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-27134-1	CF-327-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-2	CF-328-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-3	CF-329-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-4	CF-330-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-5	CF-331-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-6	CF-332-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-7	CF-333-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-8	CF-334-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-9	CF-335-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-10	CF-336-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-11	CF-337-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-12	CF-338-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-13	CF-339-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-14	CF-340-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-15	CF-341-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-16	CF-342-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-17	CF-343-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-18	CF-345-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-19	CF-346-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-20	CF-347-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-21	CF-348-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-22	CF-349-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-23	CF-350-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-24	CF-351-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-25	CF-352-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-26	CF-353-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-27	CF-354-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-28	CF-355-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-29	CF-356-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-30	CF-357-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-31	CF-358-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-32	CF-359-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-33	CF-360-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-34	CF-361-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-35	CF-362-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-36	CF-363-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-37	CF-364-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-38	CF-365-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-39	CF-366-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-40	CF-367-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-41	CF-368-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-42	CF-369-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-43	CF-370-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-44	CF-371-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-45	CF-372-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-46	CF-373-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-47	CF-374-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-48	CF-375-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-49	CF-376-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-50	CF-377-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-51	CF-378-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-52	CF-379-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-53	CF-380-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-54	CF-381-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00

Sample Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-27134-55	CF-382-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-56	CF-383-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-57	CF-384-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-58	CF-385-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-59	CF-386-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-60	CF-387-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-61	CF-388-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-62	CF-389-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-63	CF-390-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-64	CF-391-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-65	CF-392-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-66	CF-393-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-67	CF-394-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-68	CF-395-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-69	CF-396-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-70	CF-397-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-71	CF-398-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-72	CF-399-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-73	CF-400-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-74	CF-401-04.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-75	CF-402-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-76	CF-403-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-77	CF-404-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-78	CF-405-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-79	CF-406-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-80	CF-407-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-81	CF-408-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-82	CF-409-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-83	CF-410-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-84	CF-411-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-85	CF-412-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-86	CF-413-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-87	CF-414-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-88	CF-415-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-89	CF-416-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-90	CF-417-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-91	CF-418-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-92	CF-419-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-93	CF-420-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-94	CF-421-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-95	CF-422-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-96	CF-423-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-97	CF-424-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-98	CF-425-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-99	CF-426-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-100	CF-427-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-101	CF-428-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-102	CF-429-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-103	CF-430-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-104	CF-431-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-105	CF-432-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-106	CF-433-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-107	CF-434-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-108	CF-435-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00

Sample Summary

Client: Trinity Oilfield Services & Rentals, LLC
Project/Site: 7520 Crazy Horse CTB

Job ID: 880-27134-1
SDG: Eddy Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-27134-109	CF-436-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-110	CF-437-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-111	CF-438-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-112	CF-439-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-113	CF-440-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-114	CF-441-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-115	CF-442-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-116	CF-443-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-117	CW-033-02.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-118	CW-034-02.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-119	CW-035-02.0-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-120	CF-277-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-121	CF-265-00.3-NA-S	Solid	04/06/23 00:00	04/13/23 11:00
880-27134-122	CF-266-00.3-NA-P	Solid	04/06/23 00:00	04/13/23 11:00

Released to Imaging: 3/4/2024 11:19:30 AM
Received by OCD: 2/28/2024 4:14:15 PM

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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, Carlsbad NM (575) 988-3199

Work Order No: 27134

www.xenco.com Page 1 of 13

Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	☐ Routine ☐ Rush
Project Number:	7520	Due Date	
Project Location:	Eddy Co , NM	TAT starts the day received by the lab if received by 4:30pm	
Sampler's Name:	KA		
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project.
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT

Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.3
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	1.0
Total Containers:		Corrected Temperature:	0.7

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chloride (4500)	TPH (8015)	BTEX (8021B)
CF-327-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X
CF-328-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X
CF-329-04 0-NA-S	Soil	4/6/2023			C	1	X	X	X
CF-330-04 0-NA-S	Soil	4/6/2023			C	1	X	X	X
CF-331-04 0-NA-S	Soil	4/6/2023			C	1	X	X	X
CF-332-04 0-NA-S	Soil	4/6/2023			C	1	X	X	X
CF-333-04.0-NA-S	Soil	4/6/2023			C	1	X	X	X
CF-334-04 0-NA-S	Soil	4/6/2023			C	1	X	X	X
CF-335-04 0-NA-S	Soil	4/6/2023			C	1	X	X	X
CF-336-04 0-NA-S	Soil	4/6/2023			C	2	X	X	X

Sample Comments

402

880-27134 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1		4/12 3:20	2		4/13/23 1100
3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 27134

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403 Email:		Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co , NM	Due Date.	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project.
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-337-04 0-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-338-04 0-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-339-04 0-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-340-04 0-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-341-04.0-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-342-04.0-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-343-04 0-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-345-04.0-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-346-04 0-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-347-00 3-NA-S	Soil	4/6/2023			C	2		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Work Order No: 27134

www.xenco.com Page 3 of 13

Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP	Hobbs, NM 88241	City, State ZIP	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-348-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-349-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-350-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-351-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-352-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-353-04 0-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-354-04 0-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-355-04 0-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-356-04 0-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-357-04 0-NA-S	Soil	4/6/2023			C	2	X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Work Order No: 27134

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Project Manager	Dan Dunkelberg	Bill to. (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP	Hobbs, NM 88241	City, State ZIP	Midland, TX 79701
Phone.	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number	7520	☐ Routine ☐ Rush	
Project Location	Eddy Co , NM	Due Date.	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None NO | DI Water H_2O
Cool Cool | MeOH Me
HCL. HC | HNO_3. HN
H_2S0_4 H_2 | NaOH Na
H_3PO_4. HP
$NaHSO_4$. NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-368-04 0-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-369-04 0-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-370-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-371-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-372-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-373-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-374-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-375-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-376-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-377-00 3-NA-S	Soil	4/6/2023			C	2		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Work Order No: 27134

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date:	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-378-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-379-00.3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-380-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-381-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-382-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-383-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-384-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-385-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-386-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-387-00 3-NA-S	Soil	4/6/2023			C	2		X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Work Order No: 27134

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	☐ Routine ☐ Rush
Project Number:	7520	Due Date	
Project Location:	Eddy Co., NM	TAT starts the day received by the lab, if received by 4.30pm	
Sampler's Name:	KA		
PO #:			

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-388-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-389-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-390-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-391-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-392-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-393-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-394-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-395-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-396-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-397-00 3-NA-S	Soil	4/6/2023			C	2		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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Work Order No: 27134

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date.	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4.30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO DI Water H_2O
Cool Cool MeOH Me
HCL. HC HNO_3 HN
H_2S0_4. H_2 NaOH Na
H_3PO_4. HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-398-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-399-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-400-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-401-04 0-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-402-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-403-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-404-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-405-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-406-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-407-00 3-NA-S	Soil	4/6/2023			C	2		X	X	X	

ANALYSIS REQUEST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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3			4		
5			6		

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 27134

www.xenco.com Page 9 of 13

Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date.	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

SAMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yes No

Samples Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other

ANALYSIS REQUEST

Preservative Codes

None: NO Di Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-408-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-409-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-410-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-411-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-412-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-413-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-414-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-415-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-416-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-417-00 3-NA-S	Soil	4/6/2023			C	2		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Work Order No: 27134

www.xenco.com Page 10 of 13

Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP	Hobbs, NM 88241	City, State ZIP	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number	7520	☐ Routine ☐ Rush	
Project Location.	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL. HC HNO_3. HN
H_2S0_4. H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH. Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-418-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-419-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-420-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-421-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-422-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-423-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-424-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-425-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-426-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-427-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Work Order No: 27134

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Project Manager:	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co , NM	Due Date:	
Sampler's Name:	KA	TAT starts the day received by the lab, if received by 4.30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ RRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-428-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-429-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-430-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-431-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-432-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-433-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-434-00.3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-435-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-436-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	
CF-437-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Work Order No: 27134

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave , Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location:	Eddy Co., NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-438-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-439-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-440-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-441-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-442-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-443-00 3-NA-S	Soil	4/6/2023			C	1	X	X	X	
CW-033-02 0-NA-S	Soil	4/6/2023			C	1	X	X	X	
CW-034-02 0-NA-S	Soil	4/6/2023			C	1	X	X	X	
CW-035-02 0-NA-S	Soil	4/6/2023			C	1	X	X	X	
CF-277-00 3-NA-S	Soil	4/6/2023			C	2	X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Work Order No: 27134

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Project Manager	Dan Dunkelberg	Bill to: (if different)	Montgomery Floyd
Company Name:	Trinity Oilfield Services	Company Name:	Centennial Resources, LLC
Address:	8426 N Dal Paso	Address:	500 W Illinois Ave., Ste 500
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	Midland, TX 79701
Phone:	575-602-2403	Email:	Montgomery Floyd@permianres.com
Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	7520	☐ Routine ☐ Rush	
Project Location	Eddy Co , NM	Due Date	
Sampler's Name:	KA	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT

Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride (4500)	TPH (8015)	BTEX (8021B)	Sample Comments
CF-265-00 3-NA-S	Soil	4/6/2023			C	1		X	X	X	

Loc: 880
27134

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

Login Sample Receipt Checklist

Client: Trinity Oilfield Services & Rentals, LLC

Job Number: 880-27134-1
SDG Number: Eddy Co., NM

Login Number: 27134
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

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JOB DESCRIPTION

Crazy Horse CTB
SDG NUMBER 226580

JOB NUMBER

890-3758-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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Eurofins Carlsbad

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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Client: NT Global
Project/Site: Crazy Horse CTB

Laboratory Job ID: 890-3758-1
SDG: 226580

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Definitions/Glossary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
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.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Definitions/Glossary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Job ID: 890-3758-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3758-1

Receipt
The samples were received on 1/4/2023 9:40 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 2.2°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1) (890-3758-1), S-1 (1-1.5) (890-3758-2), S-1 (2-2.5) (890-3758-3), S-1 (3-3.5) (890-3758-4), S-1 (4-4.5) (890-3758-5), S-2 (0-1) (890-3758-6), S-2 (1-1.5) (890-3758-7), S-2 (2-2.5) (890-3758-8), S-2 (3-3.5) (890-3758-9), S-2 (4-4.5) (890-3758-10), S-3 (0-1) (890-3758-11), S-3 (1-1.5) (890-3758-12), S-3 (2-2.5) (890-3758-13), S-3 (3-3.5) (890-3758-14), S-3 (4-4.5) (890-3758-15), S-4 (0-1) (890-3758-16), S-4 (1-1.5) (890-3758-17), S-4 (2-2.5) (890-3758-18), S-4 (3-3.5) (890-3758-19), S-4 (4-4.5) (890-3758-20), S-5 (0-1) (890-3758-21), S-5 (1-1.5) (890-3758-22), S-5 (2-2.5) (890-3758-23), S-5 (3-3.5) (890-3758-24), S-5 (4-4.5) (890-3758-25), S-6 (0-1) (890-3758-26), S-6 (1-1.5) (890-3758-27), S-6 (2-2.5) (890-3758-28), S-6 (3-3.5) (890-3758-29), S-6 (4-4.5) (890-3758-30), S-7 (0-1) (890-3758-31), S-7 (1-1.5) (890-3758-32), S-7 (2-2.5) (890-3758-33), S-7 (3-3.5) (890-3758-34), S-7 (4-4.5) (890-3758-35), S-8 (0-1) (890-3758-36), S-8 (1-1.5) (890-3758-37), S-8 (2-2.5) (890-3758-38), S-8 (3-3.5) (890-3758-39), S-8 (4-4.5) (890-3758-40), S-9 (0-1) (890-3758-41), S-9 (1-1.5) (890-3758-42), S-9 (2-2.5) (890-3758-43), S-10 (0-1) (890-3758-44), S-10 (1-1.5) (890-3758-45), S-10 (2-2.5) (890-3758-46), S-10 (3-3.5) (890-3758-47), S-10 (4-4.5) (890-3758-48), S-11 (0-1) (890-3758-49), S-11 (1-1.5) (890-3758-50), S-11 (2-2.5) (890-3758-51), S-11 (3-3.5) (890-3758-52), S-11 (4-4.5) (890-3758-53), S-12 (0-1) (890-3758-54), S-12 (1-1.5) (890-3758-55), S-12 (2-2.5) (890-3758-56), S-12 (3-3.5) (890-3758-57), S-12 (4-4.5) (890-3758-58), S-13 (0-1) (890-3758-59), S-13 (1-1.5) (890-3758-60), S-13 (2-2.5) (890-3758-61), S-13 (3-3.5) (890-3758-62), S-13 (4-4.5) (890-3758-63), S-14 (0-1) (890-3758-64), S-14 (1-1.5) (890-3758-65), S-14 (2-2.5) (890-3758-66), S-14 (3-3.5) (890-3758-67), S-14 (4-4.5) (890-3758-68), S-15 (0-1) (890-3758-69), S-15 (1-1.5) (890-3758-70), S-15 (2-2.5) (890-3758-71), S-15 (3-3.5) (890-3758-72), S-16 (0-1) (890-3758-73), S-16 (1-1.5) (890-3758-74), S-17 (0-1) (890-3758-75), S-17 (1-1.5) (890-3758-76), S-17 (2-2.5) (890-3758-77), S-17 (3-3.5) (890-3758-78), S-17 (4-4.5) (890-3758-79), S-18 (0-1) (890-3758-80), S-18 (1-1.5) (890-3758-81), S-18 (2-2.5) (890-3758-82), S-18 (3-3.5) (890-3758-83), H-1 (890-3758-84), H-2 (890-3758-85), H-3 (890-3758-86), H-4 (890-3758-87), H-5 (890-3758-88), H-6 (890-3758-89), H-7 (890-3758-90), H-8 (890-3758-91), H-9 (890-3758-92), H-10 (890-3758-93), H-11 (890-3758-94), H-12 (890-3758-95), H-13 (890-3758-96), H-14 (890-3758-97), H-15 (890-3758-98), H-16 (890-3758-99), H-17 (890-3758-100), H-18 (890-3758-101) and H-19 (890-3758-102).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-43282 and analytical batch 880-43468 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-43479 and analytical batch 880-43471 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-43345 and analytical batch 880-43328 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-8 (890-3758-91) and H-9 (890-3758-92). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-43346 and analytical batch 880-43378 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-43341, 880-43344 and 880-43345 and analytical batch 880-43328 was outside the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Case Narrative

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Job ID: 890-3758-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-43288 and analytical batch 880-43452 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-18 (1-1.5) (890-3758-81). 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: S-18 (2-2.5) (890-3758-82), S-18 (3-3.5) (890-3758-83), H-1 (890-3758-84), H-2 (890-3758-85), H-3 (890-3758-86), H-4 (890-3758-87), H-5 (890-3758-88), H-6 (890-3758-89) and H-7 (890-3758-90). 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: H-8 (890-3758-91), H-9 (890-3758-92), H-10 (890-3758-93), H-11 (890-3758-94), H-12 (890-3758-95), H-13 (890-3758-96), H-14 (890-3758-97), H-15 (890-3758-98), H-16 (890-3758-99) and H-17 (890-3758-100). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-43269 and analytical batch 880-43466 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-11 (2-2.5) (890-3758-51), S-11 (3-3.5) (890-3758-52), S-11 (4-4.5) (890-3758-53), S-12 (0-1) (890-3758-54), S-12 (1-1.5) (890-3758-55), S-12 (2-2.5) (890-3758-56), S-12 (3-3.5) (890-3758-57), S-12 (4-4.5) (890-3758-58) and S-13 (0-1) (890-3758-59). 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: S-10 (0-1) (890-3758-44), S-11 (0-1) (890-3758-49) and S-11 (1-1.5) (890-3758-50). 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: S-4 (0-1) (890-3758-16) and S-4 (4-4.5) (890-3758-20). 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: S-2 (2-2.5) (890-3758-8) and S-3 (0-1) (890-3758-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-1 (3-3.5) (890-3758-4). 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: S-17 (1-1.5) (890-3758-76), S-17 (2-2.5) (890-3758-77), S-17 (3-3.5) (890-3758-78), S-17 (4-4.5) (890-3758-79) and S-18 (0-1) (890-3758-80). 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: S-15 (2-2.5) (890-3758-71), S-15 (3-3.5) (890-3758-72) and S-16 (0-1) (890-3758-73). 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: S-13 (2-2.5) (890-3758-61), S-13 (3-3.5) (890-3758-62), S-13 (4-4.5) (890-3758-63), S-14 (0-1) (890-3758-64), S-14 (1-1.5) (890-3758-65), S-14 (2-2.5) (890-3758-66), S-14 (3-3.5) (890-3758-67), S-14 (4-4.5) (890-3758-68), S-15 (0-1) (890-3758-69) and S-15 (1-1.5) (890-3758-70). 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: S-9 (0-1) (890-3758-41) and S-9 (1-1.5) (890-3758-42). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Job ID: 890-3758-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-43269 and analytical batch 880-43466 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43268 and analytical batch 880-43465 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-8 (0-1) (890-3758-36) and S-8 (3-3.5) (890-3758-39). 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: S-7 (0-1) (890-3758-31) and S-7 (2-2.5) (890-3758-33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-6 (2-2.5) (890-3758-28). 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: S-5 (0-1) (890-3758-21), S-5 (1-1.5) (890-3758-22), S-5 (2-2.5) (890-3758-23), (890-3758-A-21-B MS) and (890-3758-A-21-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-43268 and analytical batch 880-43465 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-43343 and analytical batch 880-43315 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.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43274 and 880-43274 and analytical batch 880-43419 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43272 and 880-43272 and analytical batch 880-43415 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43277 and analytical batch 880-43441 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43103 and analytical batch 880-43312 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43273 and analytical batch 880-43438 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.

Case Narrative

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Job ID: 890-3758-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43275 and analytical batch 880-43440 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.

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-1 (0-1)

Lab Sample ID: 890-3758-1
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 11:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 11:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 11:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/06/23 08:49	01/06/23 11:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/06/23 08:49	01/06/23 11:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/06/23 08:49*	*01/06/23 11:55*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*01/06/23 08:49*	*01/06/23 11:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/06/23 17:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 11:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 11:29	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*01/05/23 11:26*	*01/06/23 11:29*	*1*
o-Terphenyl	*123*		*70 - 130*	*01/05/23 11:26*	*01/06/23 11:29*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U F1	5.05		mg/Kg			01/09/23 10:19	1

Client Sample ID: S-1 (1-1.5)

Lab Sample ID: 890-3758-2
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 12:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 12:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 12:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 12:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 12:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*01/06/23 08:49*	*01/06/23 12:21*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-1 (1-1.5)

Lab Sample ID: 890-3758-2
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*01/06/23 08:49*	*01/06/23 12:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/06/23 17:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 12:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 12:35	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*01/05/23 11:26*	*01/06/23 12:35*	*1*
o-Terphenyl	*112*		*70 - 130*	*01/05/23 11:26*	*01/06/23 12:35*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.3**		4.97		mg/Kg			01/09/23 10:24	1

Client Sample ID: S-1 (2-2.5)

Lab Sample ID: 890-3758-3
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 12:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 12:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 12:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 08:49	01/06/23 12:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 08:49	01/06/23 12:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*01/06/23 08:49*	*01/06/23 12:46*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/06/23 08:49*	*01/06/23 12:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/06/23 17:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:53	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-1 (2-2.5)

Lab Sample ID: 890-3758-3
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 12:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 12:56	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*01/05/23 11:26*	*01/06/23 12:56*	*1*
o-Terphenyl	*115*		*70 - 130*	*01/05/23 11:26*	*01/06/23 12:56*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.47**		5.00		mg/Kg			01/08/23 13:49	1

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 890-3758-4
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 13:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 13:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 13:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 13:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 13:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*01/06/23 08:49*	*01/06/23 13:12*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/06/23 08:49*	*01/06/23 13:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/06/23 17:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/05/23 11:26	01/06/23 13:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/05/23 11:26	01/06/23 13:18	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/05/23 11:26	01/06/23 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*156*	*S1+*	*70 - 130*	*01/05/23 11:26*	*01/06/23 13:18*	*1*
o-Terphenyl	*153*	*S1+*	*70 - 130*	*01/05/23 11:26*	*01/06/23 13:18*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 890-3758-4
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		4.98		mg/Kg			01/08/23 13:54	1

Client Sample ID: S-1 (4-4.5)

Lab Sample ID: 890-3758-5
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 13:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 13:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 13:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/06/23 08:49	01/06/23 13:38	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/06/23 08:49	01/06/23 13:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 08:49*	*01/06/23 13:38*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 08:49*	*01/06/23 13:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/06/23 17:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 13:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 13:40	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*01/05/23 11:26*	*01/06/23 13:40*	*1*
o-Terphenyl	*91*		*70 - 130*	*01/05/23 11:26*	*01/06/23 13:40*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.8		4.96		mg/Kg			01/08/23 13:59	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-2 (0-1)

Lab Sample ID: 890-3758-6
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

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		01/06/23 08:49	01/06/23 14:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/06/23 08:49	01/06/23 14:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/06/23 08:49	01/06/23 14:04	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/06/23 08:49	01/06/23 14:04	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/06/23 08:49	01/06/23 14:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/06/23 08:49	01/06/23 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*01/06/23 08:49*	*01/06/23 14:04*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/06/23 08:49*	*01/06/23 14:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/06/23 17:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 14:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 14:02	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*01/05/23 11:26*	*01/06/23 14:02*	*1*
o-Terphenyl	*105*		*70 - 130*	*01/05/23 11:26*	*01/06/23 14:02*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1630**		49.5		mg/Kg			01/08/23 14:14	10

Client Sample ID: S-2 (1-1.5)

Lab Sample ID: 890-3758-7
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 14:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 14:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 14:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 14:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 14:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*	*01/06/23 08:49*	*01/06/23 14:29*	*1*

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-2 (1-1.5)

Lab Sample ID: 890-3758-7
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/06/23 08:49*	*01/06/23 14:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/06/23 17:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 14:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 14:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*01/05/23 11:26*	*01/06/23 14:23*	*1*
o-Terphenyl	*128*		*70 - 130*	*01/05/23 11:26*	*01/06/23 14:23*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1150**		50.1		mg/Kg			01/08/23 14:19	10

Client Sample ID: S-2 (2-2.5)

Lab Sample ID: 890-3758-8
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/06/23 08:49	01/06/23 14:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/06/23 08:49	01/06/23 14:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/06/23 08:49	01/06/23 14:55	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/06/23 08:49	01/06/23 14:55	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/06/23 08:49	01/06/23 14:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/06/23 08:49	01/06/23 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/06/23 08:49*	*01/06/23 14:55*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/06/23 08:49*	*01/06/23 14:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/06/23 17:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:53	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-2 (2-2.5)

Lab Sample ID: 890-3758-8
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 14:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 14:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*132*	*S1+*	*70 - 130*	*01/05/23 11:26*	*01/06/23 14:45*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*01/05/23 11:26*	*01/06/23 14:45*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2970**		50.4		mg/Kg			01/08/23 14:24	10

Client Sample ID: S-2 (3-3.5)

Lab Sample ID: 890-3758-9
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 15:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 15:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 15:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 15:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 15:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*01/06/23 08:49*	*01/06/23 15:20*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*01/06/23 08:49*	*01/06/23 15:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/06/23 17:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 15:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 15:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*01/05/23 11:26*	*01/06/23 15:06*	*1*
o-Terphenyl	*124*		*70 - 130*	*01/05/23 11:26*	*01/06/23 15:06*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-2 (3-3.5)

Lab Sample ID: 890-3758-9
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3590		49.9		mg/Kg			01/08/23 14:29	10

Client Sample ID: S-2 (4-4.5)

Lab Sample ID: 890-3758-10
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 15:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 15:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 15:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 08:49	01/06/23 15:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 08:49	01/06/23 15:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*01/06/23 08:49*	*01/06/23 15:46*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/06/23 08:49*	*01/06/23 15:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/06/23 17:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 15:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 15:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*01/05/23 11:26*	*01/06/23 15:28*	*1*
o-Terphenyl	*123*		*70 - 130*	*01/05/23 11:26*	*01/06/23 15:28*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	965		25.2		mg/Kg			01/08/23 14:34	5

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-3 (0-1)

Lab Sample ID: 890-3758-11
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/06/23 08:49	01/06/23 17:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/06/23 08:49	01/06/23 17:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/06/23 08:49	01/06/23 17:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/06/23 08:49	01/06/23 17:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/06/23 08:49	01/06/23 17:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/06/23 08:49	01/06/23 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*01/06/23 08:49*	*01/06/23 17:29*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/06/23 08:49*	*01/06/23 17:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 16:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 16:11	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*146*	*S1+*	*70 - 130*	*01/05/23 11:26*	*01/06/23 16:11*	*1*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*01/05/23 11:26*	*01/06/23 16:11*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.3**	**F1**	5.04		mg/Kg			01/08/23 14:39	1

Client Sample ID: S-3 (1-1.5)

Lab Sample ID: 890-3758-12
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/06/23 08:49	01/06/23 17:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/06/23 08:49	01/06/23 17:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/06/23 08:49	01/06/23 17:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/06/23 08:49	01/06/23 17:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/06/23 08:49	01/06/23 17:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/06/23 08:49	01/06/23 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*01/06/23 08:49*	*01/06/23 17:55*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-3 (1-1.5)

Lab Sample ID: 890-3758-12
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/06/23 08:49*	*01/06/23 17:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/05/23 11:26	01/06/23 16:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/05/23 11:26	01/06/23 16:33	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/05/23 11:26	01/06/23 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*01/05/23 11:26*	*01/06/23 16:33*	*1*
o-Terphenyl	*117*		*70 - 130*	*01/05/23 11:26*	*01/06/23 16:33*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**166**		4.99		mg/Kg			01/09/23 10:29	1

Client Sample ID: S-3 (2-2.5)

Lab Sample ID: 890-3758-13
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 18:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 18:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 18:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 18:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 18:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/06/23 08:49*	*01/06/23 18:20*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/06/23 08:49*	*01/06/23 18:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:53	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-3 (2-2.5)

Lab Sample ID: 890-3758-13
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 16:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 16:54	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*01/05/23 11:26*	*01/06/23 16:54*	*1*
o-Terphenyl	*123*		*70 - 130*	*01/05/23 11:26*	*01/06/23 16:54*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.3**		4.98		mg/Kg			01/08/23 14:59	1

Client Sample ID: S-3 (3-3.5)

Lab Sample ID: 890-3758-14
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 18:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 18:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 18:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 18:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 18:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/06/23 08:49*	*01/06/23 18:46*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/06/23 08:49*	*01/06/23 18:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 17:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 17:16	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*01/05/23 11:26*	*01/06/23 17:16*	*1*
o-Terphenyl	*124*		*70 - 130*	*01/05/23 11:26*	*01/06/23 17:16*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-3 (3-3.5)

Lab Sample ID: 890-3758-14
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.7		5.00		mg/Kg			01/08/23 15:13	1

Client Sample ID: S-3 (4-4.5)

Lab Sample ID: 890-3758-15
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 19:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 19:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 19:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 08:49	01/06/23 19:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 08:49	01/06/23 19:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/06/23 08:49*	*01/06/23 19:12*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/06/23 08:49*	*01/06/23 19:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 17:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 17:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*01/05/23 11:26*	*01/06/23 17:38*	*1*
o-Terphenyl	*77*		*70 - 130*	*01/05/23 11:26*	*01/06/23 17:38*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.8		4.95		mg/Kg			01/08/23 15:18	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-4 (0-1)

Lab Sample ID: 890-3758-16
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 19:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 19:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 19:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/06/23 08:49	01/06/23 19:37	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/06/23 08:49	01/06/23 19:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/06/23 08:49*	*01/06/23 19:37*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*01/06/23 08:49*	*01/06/23 19:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 17:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 17:59	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*132*	*S1+*	*70 - 130*	*01/05/23 11:26*	*01/06/23 17:59*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*01/05/23 11:26*	*01/06/23 17:59*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4180**		50.2		mg/Kg			01/08/23 15:23	10

Client Sample ID: S-4 (1-1.5)

Lab Sample ID: 890-3758-17
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 20:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 20:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 20:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 20:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 20:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/06/23 08:49*	*01/06/23 20:03*	*1*

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Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-4 (1-1.5)

Lab Sample ID: 890-3758-17
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/06/23 08:49*	*01/06/23 20:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 18:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 18:21	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*01/05/23 11:26*	*01/06/23 18:21*	*1*
o-Terphenyl	*126*		*70 - 130*	*01/05/23 11:26*	*01/06/23 18:21*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**505**		4.97		mg/Kg			01/08/23 15:28	1

Client Sample ID: S-4 (2-2.5)

Lab Sample ID: 890-3758-18
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 20:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 20:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 20:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 20:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 08:49	01/06/23 20:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 08:49	01/06/23 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*01/06/23 08:49*	*01/06/23 20:28*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/06/23 08:49*	*01/06/23 20:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:53	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-4 (2-2.5)

Lab Sample ID: 890-3758-18
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 18:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 18:42	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*01/05/23 11:26*	*01/06/23 18:42*	*1*
o-Terphenyl	*128*		*70 - 130*	*01/05/23 11:26*	*01/06/23 18:42*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1490**		49.9		mg/Kg			01/08/23 15:33	10

Client Sample ID: S-4 (3-3.5)

Lab Sample ID: 890-3758-19
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 20:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 20:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 20:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 08:49	01/06/23 20:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 08:49	01/06/23 20:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*01/06/23 08:49*	*01/06/23 20:54*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*01/06/23 08:49*	*01/06/23 20:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 19:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 19:04	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*01/05/23 11:26*	*01/06/23 19:04*	*1*
o-Terphenyl	*126*		*70 - 130*	*01/05/23 11:26*	*01/06/23 19:04*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-4 (3-3.5)

Lab Sample ID: 890-3758-19
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2680		99.0		mg/Kg			01/08/23 15:38	20

Client Sample ID: S-4 (4-4.5)

Lab Sample ID: 890-3758-20
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/06/23 08:49	01/06/23 21:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/06/23 08:49	01/06/23 21:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/06/23 08:49	01/06/23 21:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/06/23 08:49	01/06/23 21:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/06/23 08:49	01/06/23 21:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/06/23 08:49	01/06/23 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*01/06/23 08:49*	*01/06/23 21:20*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/06/23 08:49*	*01/06/23 21:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 19:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 19:25	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 11:26	01/06/23 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*149*	*S1+*	*70 - 130*	*01/05/23 11:26*	*01/06/23 19:25*	*1*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*01/05/23 11:26*	*01/06/23 19:25*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2980		49.6		mg/Kg			01/08/23 15:43	10

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-5 (0-1)

Lab Sample ID: 890-3758-21
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 01:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 01:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 01:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/06/23 09:05	01/07/23 01:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/06/23 09:05	01/07/23 01:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/06/23 09:05*	*01/07/23 01:14*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*01/06/23 09:05*	*01/07/23 01:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	49.9		mg/Kg		01/05/23 13:15	01/09/23 11:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 11:17	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 11:17*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 11:17*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		5.02		mg/Kg			01/08/23 16:23	1

Client Sample ID: S-5 (1-1.5)

Lab Sample ID: 890-3758-22
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 01:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 01:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 01:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 01:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 01:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*01/06/23 09:05*	*01/07/23 01:40*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-5 (1-1.5)

Lab Sample ID: 890-3758-22
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/06/23 09:05*	*01/07/23 01:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 12:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 12:23	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 12:23*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 12:23*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.4**		4.97		mg/Kg			01/08/23 16:38	1

Client Sample ID: S-5 (2-2.5)

Lab Sample ID: 890-3758-23
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 02:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 02:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 02:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 02:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 02:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*01/06/23 09:05*	*01/07/23 02:06*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/06/23 09:05*	*01/07/23 02:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 11:40	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-5 (2-2.5)

Lab Sample ID: 890-3758-23
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 12:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 12:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 12:45*	*1*
o-Terphenyl	*138*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 12:45*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**154**		4.99		mg/Kg			01/08/23 16:43	1

Client Sample ID: S-5 (3-3.5)

Lab Sample ID: 890-3758-24
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 02:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 02:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 02:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 02:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 02:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 02:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/06/23 09:05*	*01/07/23 02:33*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/06/23 09:05*	*01/07/23 02:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/05/23 13:15	01/09/23 13:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/05/23 13:15	01/09/23 13:07	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/05/23 13:15	01/09/23 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*01/05/23 13:15*	*01/09/23 13:07*	*1*
o-Terphenyl	*128*		*70 - 130*	*01/05/23 13:15*	*01/09/23 13:07*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-5 (3-3.5)

Lab Sample ID: 890-3758-24
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.5		5.05		mg/Kg			01/08/23 16:48	1

Client Sample ID: S-5 (4-4.5)

Lab Sample ID: 890-3758-25
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 02:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 02:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 02:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 02:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 02:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 09:05*	*01/07/23 02:59*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 09:05*	*01/07/23 02:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 13:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 13:29	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*01/05/23 13:15*	*01/09/23 13:29*	*1*
o-Terphenyl	*108*		*70 - 130*	*01/05/23 13:15*	*01/09/23 13:29*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.9		5.04		mg/Kg			01/08/23 16:53	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-6 (0-1)

Lab Sample ID: 890-3758-26
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 03:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 03:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 03:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 03:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 03:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 03:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*01/06/23 09:05*	*01/07/23 03:25*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/06/23 09:05*	*01/07/23 03:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 13:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 13:51	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*01/05/23 13:15*	*01/09/23 13:51*	*1*
o-Terphenyl	*87*		*70 - 130*	*01/05/23 13:15*	*01/09/23 13:51*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4040**		50.0		mg/Kg			01/08/23 17:07	10

Client Sample ID: S-6 (1-1.5)

Lab Sample ID: 890-3758-27
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 03:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 03:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 03:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/06/23 09:05	01/07/23 03:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/06/23 09:05	01/07/23 03:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/06/23 09:05*	*01/07/23 03:51*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-6 (1-1.5)

Lab Sample ID: 890-3758-27
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*01/06/23 09:05*	*01/07/23 03:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 14:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 14:13	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*01/05/23 13:15*	*01/09/23 14:13*	*1*
o-Terphenyl	*116*		*70 - 130*	*01/05/23 13:15*	*01/09/23 14:13*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**360**		5.00		mg/Kg			01/08/23 17:12	1

Client Sample ID: S-6 (2-2.5)

Lab Sample ID: 890-3758-28
Matrix: Solid

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 04:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 04:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 04:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 04:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 04:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*01/06/23 09:05*	*01/07/23 04:17*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/06/23 09:05*	*01/07/23 04:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 11:40	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-6 (2-2.5)

Lab Sample ID: 890-3758-28
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 14:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 14:35	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*138*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 14:35*	*1*
o-Terphenyl	*136*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 14:35*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**381**		5.03		mg/Kg			01/08/23 17:17	1

Client Sample ID: S-6 (3-3.5)

Lab Sample ID: 890-3758-29
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 04:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 04:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 04:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 04:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 04:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*01/06/23 09:05*	*01/07/23 04:43*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/06/23 09:05*	*01/07/23 04:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 14:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 14:57	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*01/05/23 13:15*	*01/09/23 14:57*	*1*
o-Terphenyl	*123*		*70 - 130*	*01/05/23 13:15*	*01/09/23 14:57*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-6 (3-3.5)

Lab Sample ID: 890-3758-29
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	275		5.02		mg/Kg			01/08/23 17:22	1

Client Sample ID: S-6 (4-4.5)

Lab Sample ID: 890-3758-30
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 05:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 05:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 05:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 05:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 05:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 09:05*	*01/07/23 05:09*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/06/23 09:05*	*01/07/23 05:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 15:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 15:19	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*01/05/23 13:15*	*01/09/23 15:19*	*1*
o-Terphenyl	*88*		*70 - 130*	*01/05/23 13:15*	*01/09/23 15:19*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		4.98		mg/Kg			01/08/23 17:27	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-7 (0-1)

Lab Sample ID: 890-3758-31
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 06:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 06:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 06:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 06:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 06:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 06:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*01/06/23 09:05*	*01/07/23 06:53*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/06/23 09:05*	*01/07/23 06:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 16:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 16:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*61*	*S1-*	*70 - 130*	*01/05/23 13:15*	*01/09/23 16:06*	*1*
o-Terphenyl	*61*	*S1-*	*70 - 130*	*01/05/23 13:15*	*01/09/23 16:06*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U F1	4.96		mg/Kg			01/08/23 17:32	1

Client Sample ID: S-7 (1-1.5)

Lab Sample ID: 890-3758-32
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 07:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 07:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 07:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 07:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 07:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 07:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*01/06/23 09:05*	*01/07/23 07:20*	*1*

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Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-7 (1-1.5)

Lab Sample ID: 890-3758-32
Matrix: Solid

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/06/23 09:05*	*01/07/23 07:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 16:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 16:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*01/05/23 13:15*	*01/09/23 16:28*	*1*
o-Terphenyl	*88*		*70 - 130*	*01/05/23 13:15*	*01/09/23 16:28*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30.0**		5.04		mg/Kg			01/08/23 17:47	1

Client Sample ID: S-7 (2-2.5)

Lab Sample ID: 890-3758-33
Matrix: Solid

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 07:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 07:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 07:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 07:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 07:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*01/06/23 09:05*	*01/07/23 07:47*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/06/23 09:05*	*01/07/23 07:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 11:40	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-7 (2-2.5)

Lab Sample ID: 890-3758-33
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 16:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 16:49	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*136*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 16:49*	*1*
o-Terphenyl	*129*		*70 - 130*	*01/05/23 13:15*	*01/09/23 16:49*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**258**		4.97		mg/Kg			01/08/23 17:52	1

Client Sample ID: S-7 (3-3.5)

Lab Sample ID: 890-3758-34
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 08:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 08:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 08:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/06/23 09:05	01/07/23 08:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/06/23 09:05	01/07/23 08:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*01/06/23 09:05*	*01/07/23 08:13*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/06/23 09:05*	*01/07/23 08:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 17:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 17:12	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*01/05/23 13:15*	*01/09/23 17:12*	*1*
o-Terphenyl	*118*		*70 - 130*	*01/05/23 13:15*	*01/09/23 17:12*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-7 (3-3.5)

Lab Sample ID: 890-3758-34
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	204		5.03		mg/Kg			01/08/23 18:07	1

Client Sample ID: S-7 (4-4.5)

Lab Sample ID: 890-3758-35
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 08:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 08:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 08:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 08:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 08:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 08:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*01/06/23 09:05*	*01/07/23 08:40*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/06/23 09:05*	*01/07/23 08:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 17:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 17:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*01/05/23 13:15*	*01/09/23 17:34*	*1*
o-Terphenyl	*104*		*70 - 130*	*01/05/23 13:15*	*01/09/23 17:34*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	223		5.00		mg/Kg			01/08/23 18:12	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-8 (0-1)

Lab Sample ID: 890-3758-36
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 09:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 09:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 09:06	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/06/23 09:05	01/07/23 09:06	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/06/23 09:05	01/07/23 09:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 09:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*01/06/23 09:05*	*01/07/23 09:06*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 09:05*	*01/07/23 09:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 17:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 17:56	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 17:56*	*1*
o-Terphenyl	*138*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 17:56*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/08/23 18:17	1

Client Sample ID: S-8 (1-1.5)

Lab Sample ID: 890-3758-37
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 09:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 09:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 09:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 09:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:05	01/07/23 09:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 09:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/06/23 09:05*	*01/07/23 09:32*	*1*

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Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-8 (1-1.5)

Lab Sample ID: 890-3758-37
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/06/23 09:05*	*01/07/23 09:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 18:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 18:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*01/05/23 13:15*	*01/09/23 18:18*	*1*
o-Terphenyl	*119*		*70 - 130*	*01/05/23 13:15*	*01/09/23 18:18*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.71		4.97		mg/Kg			01/08/23 18:22	1

Client Sample ID: S-8 (2-2.5)

Lab Sample ID: 890-3758-38
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 09:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 09:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 09:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 09:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 09:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 09:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 09:05*	*01/07/23 09:58*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/06/23 09:05*	*01/07/23 09:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 11:40	1

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Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-8 (2-2.5)

Lab Sample ID: 890-3758-38
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 18:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 18:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*01/05/23 13:15*	*01/09/23 18:40*	*1*
o-Terphenyl	*115*		*70 - 130*	*01/05/23 13:15*	*01/09/23 18:40*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.9**		5.02		mg/Kg			01/08/23 18:27	1

Client Sample ID: S-8 (3-3.5)

Lab Sample ID: 890-3758-39
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 10:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 10:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 10:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 10:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:05	01/07/23 10:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:05	01/07/23 10:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/06/23 09:05*	*01/07/23 10:24*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/06/23 09:05*	*01/07/23 10:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 19:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 19:02	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 19:02*	*1*
o-Terphenyl	*127*		*70 - 130*	*01/05/23 13:15*	*01/09/23 19:02*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-8 (3-3.5)

Lab Sample ID: 890-3758-39
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.3		5.01		mg/Kg			01/08/23 18:31	1

Client Sample ID: S-8 (4-4.5)

Lab Sample ID: 890-3758-40
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:05	01/07/23 10:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:05	01/07/23 10:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:05	01/07/23 10:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/06/23 09:05	01/07/23 10:50	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/06/23 09:05	01/07/23 10:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:05	01/07/23 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/06/23 09:05*	*01/07/23 10:50*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/06/23 09:05*	*01/07/23 10:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 19:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 19:25	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:15	01/09/23 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*01/05/23 13:15*	*01/09/23 19:25*	*1*
o-Terphenyl	*121*		*70 - 130*	*01/05/23 13:15*	*01/09/23 19:25*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.5		4.98		mg/Kg			01/08/23 18:36	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-9 (0-1)

Lab Sample ID: 890-3758-41
Matrix: Solid

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F1	0.00202		mg/Kg		01/06/23 09:31	01/07/23 14:42	1
Ethylbenzene	<0.00202	U F1	0.00202		mg/Kg		01/06/23 09:31	01/07/23 14:42	1
Toluene	<0.00202	U F1	0.00202		mg/Kg		01/06/23 09:31	01/07/23 14:42	1
Xylenes, Total	<0.00403	U F1	0.00403		mg/Kg		01/06/23 09:31	01/07/23 14:42	1
m-Xylene & p-Xylene	<0.00403	U F1	0.00403		mg/Kg		01/06/23 09:31	01/07/23 14:42	1
o-Xylene	<0.00202	U F1	0.00202		mg/Kg		01/06/23 09:31	01/07/23 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*01/06/23 09:31*	*01/07/23 14:42*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/06/23 09:31*	*01/07/23 14:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	49.9		mg/Kg		01/05/23 13:18	01/09/23 11:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 11:17	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*155*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 11:17*	*1*
o-Terphenyl	*165*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 11:17*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7370**	**F1**	101		mg/Kg			01/09/23 09:54	20

Client Sample ID: S-9 (1-1.5)

Lab Sample ID: 890-3758-42
Matrix: Solid

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 15:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 15:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 15:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 15:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 15:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/06/23 09:31*	*01/07/23 15:08*	*1*

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Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-9 (1-1.5)

Lab Sample ID: 890-3758-42
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 09:31*	*01/07/23 15:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 12:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 12:23	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*158*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 12:23*	*1*
o-Terphenyl	*165*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 12:23*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25000**		250		mg/Kg			01/08/23 19:31	50

Client Sample ID: S-9 (2-2.5)

Lab Sample ID: 890-3758-43
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 15:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 15:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 15:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 15:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 15:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*01/06/23 09:31*	*01/07/23 15:34*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/06/23 09:31*	*01/07/23 15:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 12:20	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-9 (2-2.5)

Lab Sample ID: 890-3758-43
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 12:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 12:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*01/05/23 13:18*	*01/09/23 12:45*	*1*
o-Terphenyl	*121*		*70 - 130*	*01/05/23 13:18*	*01/09/23 12:45*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3090**		99.4		mg/Kg			01/08/23 19:36	20

Client Sample ID: S-10 (0-1)

Lab Sample ID: 890-3758-44
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 16:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 16:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 16:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 16:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 16:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 09:31*	*01/07/23 16:01*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/06/23 09:31*	*01/07/23 16:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/05/23 13:18	01/09/23 13:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/05/23 13:18	01/09/23 13:07	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/05/23 13:18	01/09/23 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*01/05/23 13:18*	*01/09/23 13:07*	*1*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 13:07*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-10 (0-1)

Lab Sample ID: 890-3758-44
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 3.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.0		5.05		mg/Kg			01/08/23 19:41	1

Client Sample ID: S-10 (1-1.5)

Lab Sample ID: 890-3758-45
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 16:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 16:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 16:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:31	01/07/23 16:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:31	01/07/23 16:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*01/06/23 09:31*	*01/07/23 16:26*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/06/23 09:31*	*01/07/23 16:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 13:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 13:29	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*01/05/23 13:18*	*01/09/23 13:29*	*1*
o-Terphenyl	*91*		*70 - 130*	*01/05/23 13:18*	*01/09/23 13:29*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.5		4.99		mg/Kg			01/08/23 19:46	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-10 (2-2.5)

Lab Sample ID: 890-3758-46
Matrix: Solid

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 16:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 16:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 16:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:31	01/07/23 16:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:31	01/07/23 16:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*01/06/23 09:31*	*01/07/23 16:52*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/06/23 09:31*	*01/07/23 16:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 13:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 13:51	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*01/05/23 13:18*	*01/09/23 13:51*	*1*
o-Terphenyl	*106*		*70 - 130*	*01/05/23 13:18*	*01/09/23 13:51*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.9**		5.01		mg/Kg			01/08/23 20:01	1

Client Sample ID: S-10 (3-3.5)

Lab Sample ID: 890-3758-47
Matrix: Solid

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 17:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 17:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 17:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/06/23 09:31	01/07/23 17:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/06/23 09:31	01/07/23 17:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*01/06/23 09:31*	*01/07/23 17:18*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-10 (3-3.5)

Lab Sample ID: 890-3758-47
Matrix: Solid

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*01/06/23 09:31*	*01/07/23 17:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 14:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 14:13	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*01/05/23 13:18*	*01/09/23 14:13*	*1*
o-Terphenyl	*110*		*70 - 130*	*01/05/23 13:18*	*01/09/23 14:13*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.8**		5.00		mg/Kg			01/08/23 20:06	1

Client Sample ID: S-10 (4-4.5)

Lab Sample ID: 890-3758-48
Matrix: Solid

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 17:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 17:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 17:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 17:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 17:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/06/23 09:31*	*01/07/23 17:44*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/06/23 09:31*	*01/07/23 17:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 12:20	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-10 (4-4.5)

Lab Sample ID: 890-3758-48
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 14:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 14:35	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*01/05/23 13:18*	*01/09/23 14:35*	*1*
o-Terphenyl	*91*		*70 - 130*	*01/05/23 13:18*	*01/09/23 14:35*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.7**		5.02		mg/Kg			01/08/23 20:11	1

Client Sample ID: S-11 (0-1)

Lab Sample ID: 890-3758-49
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 18:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 18:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 18:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 18:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 18:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*01/06/23 09:31*	*01/07/23 18:10*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/06/23 09:31*	*01/07/23 18:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 14:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 14:57	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*148*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 14:57*	*1*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 14:57*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-11 (0-1)

Lab Sample ID: 890-3758-49
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.3		5.01		mg/Kg			01/08/23 20:16	1

Client Sample ID: S-11 (1-1.5)

Lab Sample ID: 890-3758-50
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 18:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 18:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 18:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 18:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 18:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*01/06/23 09:31*	*01/07/23 18:36*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/06/23 09:31*	*01/07/23 18:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 15:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 15:19	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 15:19*	*1*
o-Terphenyl	*153*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 15:19*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	169		5.00		mg/Kg			01/08/23 20:21	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-11 (2-2.5)

Lab Sample ID: 890-3758-51
Matrix: Solid

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/06/23 09:31	01/07/23 20:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/06/23 09:31	01/07/23 20:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/06/23 09:31	01/07/23 20:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/06/23 09:31	01/07/23 20:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/06/23 09:31	01/07/23 20:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/06/23 09:31	01/07/23 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*01/06/23 09:31*	*01/07/23 20:20*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*01/06/23 09:31*	*01/07/23 20:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 16:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 16:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 16:06*	*1*
o-Terphenyl	*140*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 16:06*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**145**	**F1**	5.00		mg/Kg			01/08/23 20:26	1

Client Sample ID: S-11 (3-3.5)

Lab Sample ID: 890-3758-52
Matrix: Solid

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 20:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 20:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 20:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/06/23 09:31	01/07/23 20:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/06/23 09:31	01/07/23 20:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*01/06/23 09:31*	*01/07/23 20:46*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-11 (3-3.5)

Lab Sample ID: 890-3758-52
Matrix: Solid

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/06/23 09:31*	*01/07/23 20:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 16:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 16:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 16:28*	*1*
o-Terphenyl	*143*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 16:28*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**143**		5.02		mg/Kg			01/08/23 20:41	1

Client Sample ID: S-11 (4-4.5)

Lab Sample ID: 890-3758-53
Matrix: Solid

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 21:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 21:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 21:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:31	01/07/23 21:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:31	01/07/23 21:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/06/23 09:31*	*01/07/23 21:12*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 09:31*	*01/07/23 21:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 12:20	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-11 (4-4.5)

Lab Sample ID: 890-3758-53
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 16:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 16:49	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 16:49*	*1*
o-Terphenyl	*153*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 16:49*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		5.00		mg/Kg			01/08/23 20:46	1

Client Sample ID: S-12 (0-1)

Lab Sample ID: 890-3758-54
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:31	01/07/23 21:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:31	01/07/23 21:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:31	01/07/23 21:38	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/06/23 09:31	01/07/23 21:38	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/06/23 09:31	01/07/23 21:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:31	01/07/23 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 09:31*	*01/07/23 21:38*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/06/23 09:31*	*01/07/23 21:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 17:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 17:12	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*01/05/23 13:18*	*01/09/23 17:12*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 17:12*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-12 (0-1)

Lab Sample ID: 890-3758-54
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/08/23 21:00	1

Client Sample ID: S-12 (1-1.5)

Lab Sample ID: 890-3758-55
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/06/23 09:31	01/07/23 22:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/06/23 09:31	01/07/23 22:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/06/23 09:31	01/07/23 22:04	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/06/23 09:31	01/07/23 22:04	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/06/23 09:31	01/07/23 22:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/06/23 09:31	01/07/23 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/06/23 09:31*	*01/07/23 22:04*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/06/23 09:31*	*01/07/23 22:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 17:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 17:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*142*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 17:34*	*1*
o-Terphenyl	*148*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 17:34*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.6**		4.95		mg/Kg			01/08/23 21:05	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-12 (2-2.5)

Lab Sample ID: 890-3758-56
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 22:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 22:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 22:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:31	01/07/23 22:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:31	01/07/23 22:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*01/06/23 09:31*	*01/07/23 22:30*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/06/23 09:31*	*01/07/23 22:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 17:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 17:56	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 17:56*	*1*
o-Terphenyl	*151*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 17:56*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**178**		5.00		mg/Kg			01/08/23 21:10	1

Client Sample ID: S-12 (3-3.5)

Lab Sample ID: 890-3758-57
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:31	01/07/23 22:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:31	01/07/23 22:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:31	01/07/23 22:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/06/23 09:31	01/07/23 22:56	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/06/23 09:31	01/07/23 22:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:31	01/07/23 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*01/06/23 09:31*	*01/07/23 22:56*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-12 (3-3.5)

Lab Sample ID: 890-3758-57
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*01/06/23 09:31*	*01/07/23 22:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 18:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 18:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*149*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 18:18*	*1*
o-Terphenyl	*155*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 18:18*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**177**		4.99		mg/Kg			01/08/23 21:15	1

Client Sample ID: S-12 (4-4.5)

Lab Sample ID: 890-3758-58
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 23:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 23:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 23:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 23:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:31	01/07/23 23:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:31	01/07/23 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*01/06/23 09:31*	*01/07/23 23:22*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/06/23 09:31*	*01/07/23 23:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/10/23 12:20	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-12 (4-4.5)

Lab Sample ID: 890-3758-58
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 18:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 18:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*142*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 18:40*	*1*
o-Terphenyl	*147*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 18:40*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**259**		5.01		mg/Kg			01/08/23 21:20	1

Client Sample ID: S-13 (0-1)

Lab Sample ID: 890-3758-59
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 23:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 23:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 23:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:31	01/07/23 23:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:31	01/07/23 23:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 23:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/06/23 09:31*	*01/07/23 23:48*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/06/23 09:31*	*01/07/23 23:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 19:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 19:02	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 19:02*	*1*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*01/05/23 13:18*	*01/09/23 19:02*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-13 (0-1)

Lab Sample ID: 890-3758-59
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		24.9		mg/Kg			01/08/23 21:25	5

Client Sample ID: S-13 (1-1.5)

Lab Sample ID: 890-3758-60
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/08/23 00:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/08/23 00:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/08/23 00:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/06/23 09:31	01/08/23 00:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/06/23 09:31	01/08/23 00:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/08/23 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*01/06/23 09:31*	*01/08/23 00:14*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/06/23 09:31*	*01/08/23 00:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/10/23 12:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 19:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 19:25	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 13:18	01/09/23 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*01/05/23 13:18*	*01/09/23 19:25*	*1*
o-Terphenyl	*130*		*70 - 130*	*01/05/23 13:18*	*01/09/23 19:25*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7340		99.6		mg/Kg			01/08/23 21:30	20

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-13 (2-2.5)

Lab Sample ID: 890-3758-61
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F2 F1	0.00201		mg/Kg		01/05/23 14:23	01/09/23 12:31	1
Ethylbenzene	<0.00201	U F2 F1	0.00201		mg/Kg		01/05/23 14:23	01/09/23 12:31	1
Toluene	<0.00201	U F2 F1	0.00201		mg/Kg		01/05/23 14:23	01/09/23 12:31	1
Xylenes, Total	<0.00402	U F2 F1	0.00402		mg/Kg		01/05/23 14:23	01/09/23 12:31	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		01/05/23 14:23	01/09/23 12:31	1
o-Xylene	<0.00201	U F2 F1	0.00201		mg/Kg		01/05/23 14:23	01/09/23 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*01/05/23 14:23*	*01/09/23 12:31*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/05/23 14:23*	*01/09/23 12:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/09/23 14:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 11:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 11:40	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*149*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 11:40*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 11:40*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1970**	**F1**	50.1		mg/Kg			01/08/23 22:10	10

Client Sample ID: S-13 (3-3.5)

Lab Sample ID: 890-3758-62
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/05/23 14:23	01/09/23 12:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/05/23 14:23	01/09/23 12:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/05/23 14:23	01/09/23 12:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/05/23 14:23	01/09/23 12:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/05/23 14:23	01/09/23 12:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/05/23 14:23	01/09/23 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*01/05/23 14:23*	*01/09/23 12:58*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-13 (3-3.5)

Lab Sample ID: 890-3758-62
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/05/23 14:23*	*01/09/23 12:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/09/23 14:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 12:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 12:46	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 12:46*	*1*
o-Terphenyl	*124*		*70 - 130*	*01/05/23 14:40*	*01/07/23 12:46*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**509**		49.9		mg/Kg			01/08/23 22:25	10

Client Sample ID: S-13 (4-4.5)

Lab Sample ID: 890-3758-63
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 13:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 13:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 13:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 13:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 13:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*01/05/23 14:23*	*01/09/23 13:25*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/05/23 14:23*	*01/09/23 13:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 11:27	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-13 (4-4.5)

Lab Sample ID: 890-3758-63
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 13:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 13:09	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 13:09*	*1*
o-Terphenyl	*127*		*70 - 130*	*01/05/23 14:40*	*01/07/23 13:09*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**766**		50.0		mg/Kg			01/08/23 22:30	10

Client Sample ID: S-14 (0-1)

Lab Sample ID: 890-3758-64
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 13:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 13:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 13:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 13:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 13:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/05/23 14:23*	*01/09/23 13:52*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/05/23 14:23*	*01/09/23 13:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 15:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/05/23 14:40	01/07/23 13:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/05/23 14:40	01/07/23 13:30	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/05/23 14:40	01/07/23 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*149*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 13:30*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 13:30*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-14 (0-1)

Lab Sample ID: 890-3758-64
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/08/23 22:35	1

Client Sample ID: S-14 (1-1.5)

Lab Sample ID: 890-3758-65
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 14:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 14:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 14:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/05/23 14:23	01/09/23 14:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/05/23 14:23	01/09/23 14:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*01/05/23 14:23*	*01/09/23 14:19*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/05/23 14:23*	*01/09/23 14:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 15:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 13:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 13:52	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*161*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 13:52*	*1*
o-Terphenyl	*140*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 13:52*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**182**		4.95		mg/Kg			01/08/23 22:40	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-14 (2-2.5)

Lab Sample ID: 890-3758-66
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 14:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 14:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 14:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 14:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 14:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/05/23 14:23*	*01/09/23 14:46*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/05/23 14:23*	*01/09/23 14:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 15:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 14:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 14:13	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*158*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 14:13*	*1*
o-Terphenyl	*137*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 14:13*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**201**		5.05		mg/Kg			01/08/23 22:54	1

Client Sample ID: S-14 (3-3.5)

Lab Sample ID: 890-3758-67
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:23	01/09/23 15:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:23	01/09/23 15:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:23	01/09/23 15:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/05/23 14:23	01/09/23 15:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/05/23 14:23	01/09/23 15:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:23	01/09/23 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/05/23 14:23*	*01/09/23 15:12*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-14 (3-3.5)

Lab Sample ID: 890-3758-67
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/05/23 14:23*	*01/09/23 15:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/09/23 16:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 14:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 14:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*164*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 14:35*	*1*
o-Terphenyl	*143*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 14:35*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**178**		5.01		mg/Kg			01/08/23 22:59	1

Client Sample ID: S-14 (4-4.5)

Lab Sample ID: 890-3758-68
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 15:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 15:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 15:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/05/23 14:23	01/09/23 15:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/05/23 14:23	01/09/23 15:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/05/23 14:23*	*01/09/23 15:39*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/05/23 14:23*	*01/09/23 15:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/10/23 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 11:27	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-14 (4-4.5)

Lab Sample ID: 890-3758-68
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 14:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 14:57	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*152*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 14:57*	*1*
o-Terphenyl	*130*		*70 - 130*	*01/05/23 14:40*	*01/07/23 14:57*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**161**		4.95		mg/Kg			01/08/23 23:04	1

Client Sample ID: S-15 (0-1)

Lab Sample ID: 890-3758-69
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 16:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 16:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 16:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 16:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 16:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/05/23 14:23*	*01/09/23 16:05*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/05/23 14:23*	*01/09/23 16:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/10/23 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 15:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 15:19	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 15:19*	*1*
o-Terphenyl	*124*		*70 - 130*	*01/05/23 14:40*	*01/07/23 15:19*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-15 (0-1)

Lab Sample ID: 890-3758-69
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.0**		5.05		mg/Kg			01/08/23 23:09	1

Client Sample ID: S-15 (1-1.5)

Lab Sample ID: 890-3758-70
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 16:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 16:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 16:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 16:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 16:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*01/05/23 14:23*	*01/09/23 16:32*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/05/23 14:23*	*01/09/23 16:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/10/23 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 15:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 15:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*152*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 15:40*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 15:40*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			01/08/23 23:14	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-15 (2-2.5)

Lab Sample ID: 890-3758-71
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 18:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 18:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 18:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/05/23 14:23	01/09/23 18:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/05/23 14:23	01/09/23 18:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*01/05/23 14:23*	*01/09/23 18:19*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/05/23 14:23*	*01/09/23 18:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/10/23 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 16:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 16:23	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 16:23*	*1*
o-Terphenyl	*126*		*70 - 130*	*01/05/23 14:40*	*01/07/23 16:23*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.7**	**F1**	5.01		mg/Kg			01/08/23 23:19	1

Client Sample ID: S-15 (3-3.5)

Lab Sample ID: 890-3758-72
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:23	01/09/23 18:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:23	01/09/23 18:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:23	01/09/23 18:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/05/23 14:23	01/09/23 18:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/05/23 14:23	01/09/23 18:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:23	01/09/23 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*01/05/23 14:23*	*01/09/23 18:45*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-15 (3-3.5)

Lab Sample ID: 890-3758-72
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/05/23 14:23*	*01/09/23 18:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/10/23 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 16:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 16:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*150*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 16:45*	*1*
o-Terphenyl	*127*		*70 - 130*	*01/05/23 14:40*	*01/07/23 16:45*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.6**		5.05		mg/Kg			01/08/23 23:34	1

Client Sample ID: S-16 (0-1)

Lab Sample ID: 890-3758-73
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 19:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 19:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 19:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/05/23 14:23	01/09/23 19:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/05/23 14:23	01/09/23 19:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*01/05/23 14:23*	*01/09/23 19:12*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/05/23 14:23*	*01/09/23 19:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/10/23 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 11:27	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-16 (0-1)

Lab Sample ID: 890-3758-73
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 17:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 17:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*153*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 17:06*	*1*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 17:06*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			01/08/23 23:39	1

Client Sample ID: S-16 (1-1.5)

Lab Sample ID: 890-3758-74
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 19:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 19:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 19:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 19:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 19:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/05/23 14:23*	*01/09/23 19:39*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/05/23 14:23*	*01/09/23 19:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/10/23 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 17:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 17:59	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*01/05/23 14:40*	*01/07/23 17:59*	*1*
o-Terphenyl	*103*		*70 - 130*	*01/05/23 14:40*	*01/07/23 17:59*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-16 (1-1.5)

Lab Sample ID: 890-3758-74
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			01/08/23 23:54	1

Client Sample ID: S-17 (0-1)

Lab Sample ID: 890-3758-75
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 20:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 20:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 20:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 20:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 20:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/05/23 14:23*	*01/09/23 20:06*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/05/23 14:23*	*01/09/23 20:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/10/23 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 18:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 18:26	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*01/05/23 14:40*	*01/07/23 18:26*	*1*
o-Terphenyl	*76*		*70 - 130*	*01/05/23 14:40*	*01/07/23 18:26*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.3**		4.98		mg/Kg			01/08/23 23:59	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-17 (1-1.5)

Lab Sample ID: 890-3758-76
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 20:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 20:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 20:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/05/23 14:23	01/09/23 20:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/05/23 14:23	01/09/23 20:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/05/23 14:23*	*01/09/23 20:33*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/05/23 14:23*	*01/09/23 20:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/10/23 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 19:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 19:10	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*148*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 19:10*	*1*
o-Terphenyl	*126*		*70 - 130*	*01/05/23 14:40*	*01/07/23 19:10*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3080**		24.8		mg/Kg			01/09/23 00:04	5

Client Sample ID: S-17 (2-2.5)

Lab Sample ID: 890-3758-77
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 20:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 20:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 20:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/05/23 14:23	01/09/23 20:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/05/23 14:23	01/09/23 20:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*01/05/23 14:23*	*01/09/23 20:59*	*1*

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Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-17 (2-2.5)

Lab Sample ID: 890-3758-77
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/05/23 14:23*	*01/09/23 20:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/10/23 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 19:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 19:31	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*149*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 19:31*	*1*
o-Terphenyl	*128*		*70 - 130*	*01/05/23 14:40*	*01/07/23 19:31*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4620**		50.0		mg/Kg			01/09/23 00:09	10

Client Sample ID: S-17 (3-3.5)

Lab Sample ID: 890-3758-78
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 21:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 21:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 21:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 21:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 21:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*01/05/23 14:23*	*01/09/23 21:26*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/05/23 14:23*	*01/09/23 21:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/10/23 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 11:27	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-17 (3-3.5)

Lab Sample ID: 890-3758-78
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 19:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 19:53	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 19:53*	*1*
o-Terphenyl	*111*		*70 - 130*	*01/05/23 14:40*	*01/07/23 19:53*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1210**		50.0		mg/Kg			01/09/23 00:14	10

Client Sample ID: S-17 (4-4.5)

Lab Sample ID: 890-3758-79
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:23	01/09/23 21:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:23	01/09/23 21:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:23	01/09/23 21:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/05/23 14:23	01/09/23 21:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/05/23 14:23	01/09/23 21:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:23	01/09/23 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/05/23 14:23*	*01/09/23 21:53*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/05/23 14:23*	*01/09/23 21:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/10/23 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 20:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 20:15	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*162*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 20:15*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 20:15*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-17 (4-4.5)

Lab Sample ID: 890-3758-79
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 4 - 4.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		5.03		mg/Kg			01/09/23 00:19	1

Client Sample ID: S-18 (0-1)

Lab Sample ID: 890-3758-80
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 22:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 22:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 22:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 22:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:23	01/09/23 22:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:23	01/09/23 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/05/23 14:23*	*01/09/23 22:20*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/05/23 14:23*	*01/09/23 22:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/10/23 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 11:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 20:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 20:36	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:40	01/07/23 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*142*	*S1+*	*70 - 130*	*01/05/23 14:40*	*01/07/23 20:36*	*1*
o-Terphenyl	*121*		*70 - 130*	*01/05/23 14:40*	*01/07/23 20:36*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1590		25.0		mg/Kg			01/09/23 00:23	5

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-18 (1-1.5)

Lab Sample ID: 890-3758-81
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F1	0.00202		mg/Kg		01/06/23 09:37	01/07/23 02:14	1
Ethylbenzene	<0.00202	U F1	0.00202		mg/Kg		01/06/23 09:37	01/07/23 02:14	1
Toluene	<0.00202	U F1	0.00202		mg/Kg		01/06/23 09:37	01/07/23 02:14	1
Xylenes, Total	<0.00403	U F1	0.00403		mg/Kg		01/06/23 09:37	01/07/23 02:14	1
m-Xylene & p-Xylene	<0.00403	U F1	0.00403		mg/Kg		01/06/23 09:37	01/07/23 02:14	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		01/06/23 09:37	01/07/23 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*01/06/23 09:37*	*01/07/23 02:14*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*01/06/23 09:37*	*01/07/23 02:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 11:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 11:40	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*148*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 11:40*	*1*
o-Terphenyl	*162*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 11:40*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3270**	**F1**	50.5		mg/Kg			01/09/23 01:04	10

Client Sample ID: S-18 (2-2.5)

Lab Sample ID: 890-3758-82
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 02:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 02:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 02:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:37	01/07/23 02:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:37	01/07/23 02:35	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/06/23 09:37	01/07/23 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*01/06/23 09:37*	*01/07/23 02:35*	*1*

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Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-18 (2-2.5)

Lab Sample ID: 890-3758-82
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*01/06/23 09:37*	*01/07/23 02:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 12:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 12:46	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*160*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 12:46*	*1*
o-Terphenyl	*166*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 12:46*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6940**		99.4		mg/Kg			01/09/23 01:18	20

Client Sample ID: S-18 (3-3.5)

Lab Sample ID: 890-3758-83
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 02:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 02:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 02:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:37	01/07/23 02:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:37	01/07/23 02:55	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/06/23 09:37	01/07/23 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*01/06/23 09:37*	*01/07/23 02:55*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*01/06/23 09:37*	*01/07/23 02:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:52	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-18 (3-3.5)

Lab Sample ID: 890-3758-83
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40
Sample Depth: 3 - 3.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 13:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 13:09	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 13:09*	*1*
o-Terphenyl	*145*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 13:09*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**549**		50.0		mg/Kg			01/09/23 01:24	10

Client Sample ID: H-1

Lab Sample ID: 890-3758-84
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 03:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 03:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 03:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:37	01/07/23 03:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:37	01/07/23 03:16	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/06/23 09:37	01/07/23 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*01/06/23 09:37*	*01/07/23 03:16*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 09:37*	*01/07/23 03:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/05/23 14:43	01/07/23 13:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/05/23 14:43	01/07/23 13:30	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/05/23 14:43	01/07/23 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*156*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 13:30*	*1*
o-Terphenyl	*164*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 13:30*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-1

Lab Sample ID: 890-3758-84
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/09/23 01:28	1

Client Sample ID: H-2

Lab Sample ID: 890-3758-85
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 03:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 03:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 03:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/06/23 09:37	01/07/23 03:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/06/23 09:37	01/07/23 03:36	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/06/23 09:37	01/07/23 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*01/06/23 09:37*	*01/07/23 03:36*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/06/23 09:37*	*01/07/23 03:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 13:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 13:52	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 13:52*	*1*
o-Terphenyl	*146*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 13:52*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			01/09/23 01:33	1

Client Sample ID: H-3

Lab Sample ID: 890-3758-86
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 03:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 03:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 03:57	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-3

Lab Sample ID: 890-3758-86
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:37	01/07/23 03:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:37	01/07/23 03:57	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/06/23 09:37	01/07/23 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*01/06/23 09:37*	*01/07/23 03:57*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*01/06/23 09:37*	*01/07/23 03:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 14:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 14:13	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 14:13*	*1*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 14:13*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/09/23 01:48	1

Client Sample ID: H-4

Lab Sample ID: 890-3758-87
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 04:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 04:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 04:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:37	01/07/23 04:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:37	01/07/23 04:17	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/06/23 09:37	01/07/23 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*01/06/23 09:37*	*01/07/23 04:17*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*01/06/23 09:37*	*01/07/23 04:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:51	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-4

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-87
Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 14:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 14:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 14:35*	*1*
o-Terphenyl	*148*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 14:35*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.57**		5.01		mg/Kg			01/09/23 01:53	1

Client Sample ID: H-5

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-88
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 04:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 04:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 04:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:37	01/07/23 04:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:37	01/07/23 04:38	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/06/23 09:37	01/07/23 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*01/06/23 09:37*	*01/07/23 04:38*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*01/06/23 09:37*	*01/07/23 04:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 14:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 14:57	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*156*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 14:57*	*1*

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-5

Lab Sample ID: 890-3758-88
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*164*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 14:57*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			01/09/23 01:58	1

Client Sample ID: H-6

Lab Sample ID: 890-3758-89
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 04:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 04:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 04:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:37	01/07/23 04:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:37	01/07/23 04:58	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/06/23 09:37	01/07/23 04:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/06/23 09:37*	*01/07/23 04:58*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*01/06/23 09:37*	*01/07/23 04:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 15:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 15:19	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*165*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 15:19*	*1*
o-Terphenyl	*176*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 15:19*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/09/23 02:03	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-7

Lab Sample ID: 890-3758-90
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 05:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 05:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 05:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/06/23 09:37	01/07/23 05:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/06/23 09:37	01/07/23 05:19	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/06/23 09:37	01/07/23 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*01/06/23 09:37*	*01/07/23 05:19*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*01/06/23 09:37*	*01/07/23 05:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/05/23 14:43	01/07/23 15:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/05/23 14:43	01/07/23 15:40	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/05/23 14:43	01/07/23 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*136*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 15:40*	*1*
o-Terphenyl	*138*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 15:40*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03		mg/Kg			01/09/23 02:08	1

Client Sample ID: H-8

Lab Sample ID: 890-3758-91
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 06:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 06:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 06:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:37	01/07/23 06:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:37	01/07/23 06:42	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/06/23 09:37	01/07/23 06:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/06/23 09:37*	*01/07/23 06:42*	*1*
1,4-Difluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*01/06/23 09:37*	*01/07/23 06:42*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-8

Lab Sample ID: 890-3758-91
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 16:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 16:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*161*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 16:23*	*1*
o-Terphenyl	*171*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 16:23*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U F1	5.04		mg/Kg			01/09/23 02:13	1

Client Sample ID: H-9

Lab Sample ID: 890-3758-92
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 07:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 07:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 07:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/06/23 09:37	01/07/23 07:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/06/23 09:37	01/07/23 07:02	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/06/23 09:37	01/07/23 07:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*01/06/23 09:37*	*01/07/23 07:02*	*1*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*01/06/23 09:37*	*01/07/23 07:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 16:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 16:45	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-9

Lab Sample ID: 890-3758-92
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*166*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 16:45*	*1*
o-Terphenyl	*171*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 16:45*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/09/23 10:53	1

Client Sample ID: H-10

Lab Sample ID: 890-3758-93
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 07:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 07:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 07:22	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/06/23 09:37	01/07/23 07:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/06/23 09:37	01/07/23 07:22	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/06/23 09:37	01/07/23 07:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/06/23 09:37*	*01/07/23 07:22*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*01/06/23 09:37*	*01/07/23 07:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 17:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 17:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*160*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 17:06*	*1*
o-Terphenyl	*165*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 17:06*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/09/23 10:48	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-11

Lab Sample ID: 890-3758-94
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 07:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 07:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 07:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/23 09:37	01/07/23 07:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/23 09:37	01/07/23 07:43	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/06/23 09:37	01/07/23 07:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*01/06/23 09:37*	*01/07/23 07:43*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*01/06/23 09:37*	*01/07/23 07:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 17:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 17:37	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*159*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 17:37*	*1*
o-Terphenyl	*170*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 17:37*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/09/23 02:48	1

Client Sample ID: H-12

Lab Sample ID: 890-3758-95
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/06/23 09:37	01/07/23 08:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/06/23 09:37	01/07/23 08:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/06/23 09:37	01/07/23 08:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/06/23 09:37	01/07/23 08:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/06/23 09:37	01/07/23 08:04	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/06/23 09:37	01/07/23 08:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*01/06/23 09:37*	*01/07/23 08:04*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*01/06/23 09:37*	*01/07/23 08:04*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-12

Lab Sample ID: 890-3758-95
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 18:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 18:48	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*162*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 18:48*	*1*
o-Terphenyl	*165*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 18:48*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/09/23 02:53	1

Client Sample ID: H-13

Lab Sample ID: 890-3758-96
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

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		01/06/23 09:37	01/07/23 08:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/06/23 09:37	01/07/23 08:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/06/23 09:37	01/07/23 08:24	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/06/23 09:37	01/07/23 08:24	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/06/23 09:37	01/07/23 08:24	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		01/06/23 09:37	01/07/23 08:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 09:37*	*01/07/23 08:24*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/06/23 09:37*	*01/07/23 08:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 19:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 19:10	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-13

Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-96
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*170*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 19:10*	*1*
o-Terphenyl	*177*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 19:10*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			01/09/23 02:57	1

Client Sample ID: H-14

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-97
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 08:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 08:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 08:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:37	01/07/23 08:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:37	01/07/23 08:45	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/06/23 09:37	01/07/23 08:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*01/06/23 09:37*	*01/07/23 08:45*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*01/06/23 09:37*	*01/07/23 08:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 19:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 19:31	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*148*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 19:31*	*1*
o-Terphenyl	*157*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 19:31*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			01/09/23 03:02	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-15

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-98
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:37	01/07/23 09:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:37	01/07/23 09:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/06/23 09:37	01/07/23 09:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/06/23 09:37	01/07/23 09:05	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/06/23 09:37	01/07/23 09:05	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		01/06/23 09:37	01/07/23 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*01/06/23 09:37*	*01/07/23 09:05*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*01/06/23 09:37*	*01/07/23 09:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 19:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 19:53	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*154*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 19:53*	*1*
o-Terphenyl	*160*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 19:53*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/09/23 03:07	1

Client Sample ID: H-16

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-99
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/06/23 09:37	01/07/23 09:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/06/23 09:37	01/07/23 09:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/06/23 09:37	01/07/23 09:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/06/23 09:37	01/07/23 09:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/06/23 09:37	01/07/23 09:25	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/06/23 09:37	01/07/23 09:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/06/23 09:37*	*01/07/23 09:25*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/06/23 09:37*	*01/07/23 09:25*	*1*

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-16

Lab Sample ID: 890-3758-99
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 20:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 20:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*158*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 20:15*	*1*
o-Terphenyl	*169*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 20:15*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/09/23 03:12	1

Client Sample ID: H-17

Lab Sample ID: 890-3758-100
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 09:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 09:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/23 09:37	01/07/23 09:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/23 09:37	01/07/23 09:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/23 09:37	01/07/23 09:46	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/06/23 09:37	01/07/23 09:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*01/06/23 09:37*	*01/07/23 09:46*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*01/06/23 09:37*	*01/07/23 09:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 14:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 20:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 20:36	1

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-17

Lab Sample ID: 890-3758-100
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/05/23 14:43	01/07/23 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*164*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 20:36*	*1*
o-Terphenyl	*171*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 20:36*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.7**		4.96		mg/Kg			01/09/23 10:58	1

Client Sample ID: H-18

Lab Sample ID: 890-3758-101
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

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		01/09/23 09:11	01/09/23 18:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/09/23 09:11	01/09/23 18:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/09/23 09:11	01/09/23 18:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/09/23 09:11	01/09/23 18:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/09/23 09:11	01/09/23 18:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/09/23 09:11	01/09/23 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*01/09/23 09:11*	*01/09/23 18:52*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/09/23 09:11*	*01/09/23 18:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/10/23 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**90.7**		49.9		mg/Kg			01/06/23 16:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 08:58	01/06/23 11:29	1
Diesel Range Organics (Over C10-C28)	**90.7**		49.9		mg/Kg		01/06/23 08:58	01/06/23 11:29	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 08:58	01/06/23 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*01/06/23 08:58*	*01/06/23 11:29*	*1*
o-Terphenyl	*99*		*70 - 130*	*01/06/23 08:58*	*01/06/23 11:29*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4500**		49.7		mg/Kg			01/07/23 00:22	10

Client Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-19

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-102

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 09:11	01/09/23 19:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 09:11	01/09/23 19:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 09:11	01/09/23 19:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/09/23 09:11	01/09/23 19:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/09/23 09:11	01/09/23 19:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 09:11	01/09/23 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*01/09/23 09:11*	*01/09/23 19:13*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/09/23 09:11*	*01/09/23 19:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/10/23 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/06/23 16:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/06/23 08:58	01/06/23 16:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/06/23 08:58	01/06/23 16:33	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/06/23 08:58	01/06/23 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*01/06/23 08:58*	*01/06/23 16:33*	*1*
o-Terphenyl	*105*		*70 - 130*	*01/06/23 08:58*	*01/06/23 16:33*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**973**		25.1		mg/Kg			01/07/23 00:29	5

Surrogate Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
820-7013-A-1-F MS	Matrix Spike	105	89										
820-7013-A-1-G MSD	Matrix Spike Duplicate	103	94										
890-3758-1	S-1 (0-1)	102	108										
890-3758-1 MS	S-1 (0-1)	100	108										
890-3758-1 MSD	S-1 (0-1)	98	104										
890-3758-2	S-1 (1-1.5)	94	92										
890-3758-3	S-1 (2-2.5)	103	97										
890-3758-4	S-1 (3-3.5)	94	100										
890-3758-5	S-1 (4-4.5)	93	93										
890-3758-6	S-2 (0-1)	76	97										
890-3758-7	S-2 (1-1.5)	77	89										
890-3758-8	S-2 (2-2.5)	96	101										
890-3758-9	S-2 (3-3.5)	95	112										
890-3758-10	S-2 (4-4.5)	103	101										
890-3758-11	S-3 (0-1)	98	99										
890-3758-12	S-3 (1-1.5)	108	105										
890-3758-13	S-3 (2-2.5)	100	105										
890-3758-14	S-3 (3-3.5)	102	100										
890-3758-15	S-3 (4-4.5)	102	105										
890-3758-16	S-4 (0-1)	100	95										
890-3758-17	S-4 (1-1.5)	102	99										
890-3758-18	S-4 (2-2.5)	103	98										
890-3758-19	S-4 (3-3.5)	104	107										
890-3758-20	S-4 (4-4.5)	76	89										
890-3758-21	S-5 (0-1)	91	94										
890-3758-21 MS	S-5 (0-1)	96	100										
890-3758-21 MSD	S-5 (0-1)	90	102										
890-3758-22	S-5 (1-1.5)	92	105										
890-3758-23	S-5 (2-2.5)	95	97										
890-3758-24	S-5 (3-3.5)	102	102										
890-3758-25	S-5 (4-4.5)	93	93										
890-3758-26	S-6 (0-1)	98	98										
890-3758-27	S-6 (1-1.5)	101	107										
890-3758-28	S-6 (2-2.5)	94	97										
890-3758-29	S-6 (3-3.5)	98	102										
890-3758-30	S-6 (4-4.5)	93	97										
890-3758-31	S-7 (0-1)	105	97										
890-3758-32	S-7 (1-1.5)	80	96										
890-3758-33	S-7 (2-2.5)	92	100										
890-3758-34	S-7 (3-3.5)	107	102										
890-3758-35	S-7 (4-4.5)	97	96										
890-3758-36	S-8 (0-1)	92	93										
890-3758-37	S-8 (1-1.5)	96	90										
890-3758-38	S-8 (2-2.5)	93	98										
890-3758-39	S-8 (3-3.5)	101	103										
890-3758-40	S-8 (4-4.5)	114	105										
890-3758-41	S-9 (0-1)	81	89										
890-3758-41 MS	S-9 (0-1)	90	89										
890-3758-41 MSD	S-9 (0-1)	93	91										

Surrogate Summary

Client: NT Global
Job ID: 890-3758-1
Project/Site: Crazy Horse CTB
SDG: 226580

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
890-3758-42	S-9 (1-1.5)	102	93
890-3758-43	S-9 (2-2.5)	105	96
890-3758-44	S-10 (0-1)	93	101
890-3758-45	S-10 (1-1.5)	106	100
890-3758-46	S-10 (2-2.5)	82	96
890-3758-47	S-10 (3-3.5)	115	107
890-3758-48	S-10 (4-4.5)	100	105
890-3758-49	S-11 (0-1)	109	99
890-3758-50	S-11 (1-1.5)	104	103
890-3758-51	S-11 (2-2.5)	99	94
890-3758-52	S-11 (3-3.5)	106	103
890-3758-53	S-11 (4-4.5)	100	93
890-3758-54	S-12 (0-1)	93	96
890-3758-55	S-12 (1-1.5)	91	96
890-3758-56	S-12 (2-2.5)	95	97
890-3758-57	S-12 (3-3.5)	98	94
890-3758-58	S-12 (4-4.5)	107	101
890-3758-59	S-13 (0-1)	101	100
890-3758-60	S-13 (1-1.5)	108	101
890-3758-61	S-13 (2-2.5)	87	100
890-3758-61 MS	S-13 (2-2.5)	95	108
890-3758-61 MSD	S-13 (2-2.5)	83	104
890-3758-62	S-13 (3-3.5)	98	103
890-3758-63	S-13 (4-4.5)	106	105
890-3758-64	S-14 (0-1)	101	102
890-3758-65	S-14 (1-1.5)	105	106
890-3758-66	S-14 (2-2.5)	96	103
890-3758-67	S-14 (3-3.5)	91	97
890-3758-68	S-14 (4-4.5)	93	104
890-3758-69	S-15 (0-1)	102	102
890-3758-70	S-15 (1-1.5)	90	100
890-3758-71	S-15 (2-2.5)	87	97
890-3758-72	S-15 (3-3.5)	86	96
890-3758-73	S-16 (0-1)	103	98
890-3758-74	S-16 (1-1.5)	91	97
890-3758-75	S-17 (0-1)	100	97
890-3758-76	S-17 (1-1.5)	101	106
890-3758-77	S-17 (2-2.5)	97	104
890-3758-78	S-17 (3-3.5)	97	102
890-3758-79	S-17 (4-4.5)	100	104
890-3758-80	S-18 (0-1)	100	100
890-3758-81	S-18 (1-1.5)	76	84
890-3758-81 MS	S-18 (1-1.5)	97	99
890-3758-81 MSD	S-18 (1-1.5)	93	105
890-3758-82	S-18 (2-2.5)	116	83
890-3758-83	S-18 (3-3.5)	119	84
890-3758-84	H-1	92	93
890-3758-85	H-2	76	97
890-3758-86	H-3	124	85
890-3758-87	H-4	92	85

Surrogate Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
890-3758-88	H-5	111	79
890-3758-89	H-6	91	87
890-3758-90	H-7	120	86
890-3758-91	H-8	96	67 S1-
890-3758-92	H-9	89	66 S1-
890-3758-93	H-10	91	81
890-3758-94	H-11	108	83
890-3758-95	H-12	88	74
890-3758-96	H-13	93	93
890-3758-97	H-14	94	75
890-3758-98	H-15	94	88
890-3758-99	H-16	96	90
890-3758-100	H-17	94	85
890-3758-101	H-18	125	103
890-3758-102	H-19	122	98
LCS 880-43282/1-A	Lab Control Sample	92	111
LCS 880-43341/1-A	Lab Control Sample	99	104
LCS 880-43344/1-A	Lab Control Sample	90	97
LCS 880-43345/1-A	Lab Control Sample	91	110
LCS 880-43346/1-A	Lab Control Sample	116	100
LCS 880-43479/1-A	Lab Control Sample	93	96
LCSD 880-43341/2-A	Lab Control Sample Dup	94	98
LCSD 880-43344/2-A	Lab Control Sample Dup	97	106
LCSD 880-43345/2-A	Lab Control Sample Dup	93	108
LCSD 880-43346/2-A	Lab Control Sample Dup	124	100
LCSD 880-43479/2-A	Lab Control Sample Dup	93	96
MB 880-43282/5-A	Method Blank	62 S1-	96
MB 880-43341/5-A	Method Blank	58 S1-	90
MB 880-43344/5-A	Method Blank	59 S1-	92
MB 880-43345/5-A	Method Blank	60 S1-	96
MB 880-43346/5-A	Method Blank	76	86
MB 880-43347/5-A	Method Blank	81	87
MB 880-43479/5-A	Method Blank	103	86

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1	DFBZ1
LCSD 880-43282/2-A	Lab Control Sample Dup		

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
890-3758-1	S-1 (0-1)	122	123										
890-3758-1 MS	S-1 (0-1)	112	103										
890-3758-1 MSD	S-1 (0-1)	113	103										
890-3758-2	S-1 (1-1.5)	113	112										
890-3758-3	S-1 (2-2.5)	113	115										
890-3758-4	S-1 (3-3.5)	156 S1+	153 S1+										
890-3758-5	S-1 (4-4.5)	94	91										
890-3758-6	S-2 (0-1)	104	105										
890-3758-7	S-2 (1-1.5)	126	128										
890-3758-8	S-2 (2-2.5)	132 S1+	133 S1+										
890-3758-9	S-2 (3-3.5)	124	124										
890-3758-10	S-2 (4-4.5)	123	123										
890-3758-11	S-3 (0-1)	146 S1+	144 S1+										
890-3758-12	S-3 (1-1.5)	115	117										
890-3758-13	S-3 (2-2.5)	120	123										
890-3758-14	S-3 (3-3.5)	123	124										
890-3758-15	S-3 (4-4.5)	77	77										
890-3758-16	S-4 (0-1)	132 S1+	134 S1+										
890-3758-17	S-4 (1-1.5)	125	126										
890-3758-18	S-4 (2-2.5)	127	128										
890-3758-19	S-4 (3-3.5)	124	126										
890-3758-20	S-4 (4-4.5)	149 S1+	150 S1+										
890-3758-21	S-5 (0-1)	135 S1+	135 S1+										
890-3758-21 MS	S-5 (0-1)	78	68 S1-										
890-3758-21 MSD	S-5 (0-1)	66 S1-	61 S1-										
890-3758-22	S-5 (1-1.5)	131 S1+	131 S1+										
890-3758-23	S-5 (2-2.5)	137 S1+	138 S1+										
890-3758-24	S-5 (3-3.5)	126	128										
890-3758-25	S-5 (4-4.5)	111	108										
890-3758-26	S-6 (0-1)	86	87										
890-3758-27	S-6 (1-1.5)	116	116										
890-3758-28	S-6 (2-2.5)	138 S1+	136 S1+										
890-3758-29	S-6 (3-3.5)	124	123										
890-3758-30	S-6 (4-4.5)	88	88										
890-3758-31	S-7 (0-1)	61 S1-	61 S1-										
890-3758-32	S-7 (1-1.5)	89	88										
890-3758-33	S-7 (2-2.5)	136 S1+	129										
890-3758-34	S-7 (3-3.5)	124	118										
890-3758-35	S-7 (4-4.5)	109	104										
890-3758-36	S-8 (0-1)	134 S1+	138 S1+										
890-3758-37	S-8 (1-1.5)	124	119										
890-3758-38	S-8 (2-2.5)	121	115										
890-3758-39	S-8 (3-3.5)	131 S1+	127										
890-3758-40	S-8 (4-4.5)	126	121										
890-3758-41	S-9 (0-1)	155 S1+	165 S1+										
890-3758-41 MS	S-9 (0-1)	102	95										
890-3758-41 MSD	S-9 (0-1)	120	117										
890-3758-42	S-9 (1-1.5)	158 S1+	165 S1+										
890-3758-43	S-9 (2-2.5)	120	121										
890-3758-44	S-10 (0-1)	127	132 S1+										

Surrogate Summary

Client: NT Global
Job ID: 890-3758-1
Project/Site: Crazy Horse CTB
SDG: 226580

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-3758-45	S-10 (1-1.5)	86	91								
890-3758-46	S-10 (2-2.5)	101	106								
890-3758-47	S-10 (3-3.5)	103	110								
890-3758-48	S-10 (4-4.5)	86	91								
890-3758-49	S-11 (0-1)	148 S1+	150 S1+								
890-3758-50	S-11 (1-1.5)	145 S1+	153 S1+								
890-3758-51	S-11 (2-2.5)	135 S1+	140 S1+								
890-3758-52	S-11 (3-3.5)	134 S1+	143 S1+								
890-3758-53	S-11 (4-4.5)	145 S1+	153 S1+								
890-3758-54	S-12 (0-1)	128	134 S1+								
890-3758-55	S-12 (1-1.5)	142 S1+	148 S1+								
890-3758-56	S-12 (2-2.5)	144 S1+	151 S1+								
890-3758-57	S-12 (3-3.5)	149 S1+	155 S1+								
890-3758-58	S-12 (4-4.5)	142 S1+	147 S1+								
890-3758-59	S-13 (0-1)	134 S1+	142 S1+								
890-3758-60	S-13 (1-1.5)	124	130								
890-3758-61	S-13 (2-2.5)	149 S1+	133 S1+								
890-3758-61 MS	S-13 (2-2.5)	101	89								
890-3758-61 MSD	S-13 (2-2.5)	119	100								
890-3758-62	S-13 (3-3.5)	140 S1+	124								
890-3758-63	S-13 (4-4.5)	140 S1+	127								
890-3758-64	S-14 (0-1)	149 S1+	134 S1+								
890-3758-65	S-14 (1-1.5)	161 S1+	140 S1+								
890-3758-66	S-14 (2-2.5)	158 S1+	137 S1+								
890-3758-67	S-14 (3-3.5)	164 S1+	143 S1+								
890-3758-68	S-14 (4-4.5)	152 S1+	130								
890-3758-69	S-15 (0-1)	139 S1+	124								
890-3758-70	S-15 (1-1.5)	152 S1+	134 S1+								
890-3758-71	S-15 (2-2.5)	144 S1+	126								
890-3758-72	S-15 (3-3.5)	150 S1+	127								
890-3758-73	S-16 (0-1)	153 S1+	132 S1+								
890-3758-74	S-16 (1-1.5)	121	103								
890-3758-75	S-17 (0-1)	90	76								
890-3758-76	S-17 (1-1.5)	148 S1+	126								
890-3758-77	S-17 (2-2.5)	149 S1+	128								
890-3758-78	S-17 (3-3.5)	131 S1+	111								
890-3758-79	S-17 (4-4.5)	162 S1+	134 S1+								
890-3758-80	S-18 (0-1)	142 S1+	121								
890-3758-81	S-18 (1-1.5)	148 S1+	162 S1+								
890-3758-81 MS	S-18 (1-1.5)	121	115								
890-3758-81 MSD	S-18 (1-1.5)	123	114								
890-3758-82	S-18 (2-2.5)	160 S1+	166 S1+								
890-3758-83	S-18 (3-3.5)	137 S1+	145 S1+								
890-3758-84	H-1	156 S1+	164 S1+								
890-3758-85	H-2	144 S1+	146 S1+								
890-3758-86	H-3	144 S1+	150 S1+								
890-3758-87	H-4	137 S1+	148 S1+								
890-3758-88	H-5	156 S1+	164 S1+								
890-3758-89	H-6	165 S1+	176 S1+								
890-3758-90	H-7	136 S1+	138 S1+								

Surrogate Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-3758-91	H-8	161 S1+	171 S1+
890-3758-92	H-9	166 S1+	171 S1+
890-3758-93	H-10	160 S1+	165 S1+
890-3758-94	H-11	159 S1+	170 S1+
890-3758-95	H-12	162 S1+	165 S1+
890-3758-96	H-13	170 S1+	177 S1+
890-3758-97	H-14	148 S1+	157 S1+
890-3758-98	H-15	154 S1+	160 S1+
890-3758-99	H-16	158 S1+	169 S1+
890-3758-100	H-17	164 S1+	171 S1+
890-3758-101	H-18	93	99
890-3758-101 MS	H-18	101	96
890-3758-101 MSD	H-18	102	98
890-3758-102	H-19	97	105
LCS 880-43252/2-A	Lab Control Sample	98	95
LCS 880-43268/2-A	Lab Control Sample	115	118
LCS 880-43269/2-A	Lab Control Sample	94	91
LCS 880-43287/2-A	Lab Control Sample	100	92
LCS 880-43288/2-A	Lab Control Sample	122	123
LCS 880-43343/2-A	Lab Control Sample	128	117
LCSD 880-43252/3-A	Lab Control Sample Dup	103	100
LCSD 880-43268/3-A	Lab Control Sample Dup	126	125
LCSD 880-43269/3-A	Lab Control Sample Dup	101	95
LCSD 880-43287/3-A	Lab Control Sample Dup	100	92
LCSD 880-43288/3-A	Lab Control Sample Dup	120	119
LCSD 880-43343/3-A	Lab Control Sample Dup	125	123
MB 880-43252/1-A	Method Blank	113	119
MB 880-43268/1-A	Method Blank	148 S1+	152 S1+
MB 880-43269/1-A	Method Blank	121	133 S1+
MB 880-43287/1-A	Method Blank	117	106
MB 880-43288/1-A	Method Blank	156 S1+	173 S1+
MB 880-43343/1-A	Method Blank	150 S1+	137 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-43282/5-A
Matrix: Solid
Analysis Batch: 43468

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43282

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 12:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 12:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 12:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/05/23 14:23	01/09/23 12:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/05/23 14:23	01/09/23 12:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:23	01/09/23 12:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*62*	*S1-*	*70 - 130*	*01/05/23 14:23*	*01/09/23 12:04*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/05/23 14:23*	*01/09/23 12:04*	*1*

Lab Sample ID: LCS 880-43282/1-A
Matrix: Solid
Analysis Batch: 43468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43282

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1048		mg/Kg		105	70 - 130		
Ethylbenzene			0.100	0.09717		mg/Kg		97	70 - 130		
Toluene			0.100	0.09456		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene			0.200	0.2017		mg/Kg		101	70 - 130		
o-Xylene			0.100	0.09497		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-43282/2-A
Matrix: Solid
Analysis Batch: 43468

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43282

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1161		mg/Kg					
Ethylbenzene			0.100	0.1039		mg/Kg					
Toluene			0.100	0.1052		mg/Kg					
m-Xylene & p-Xylene			0.200	0.2152		mg/Kg					
o-Xylene			0.100	0.1077		mg/Kg					

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: 890-3758-61 MS
Matrix: Solid
Analysis Batch: 43468

Client Sample ID: S-13 (2-2.5)
Prep Type: Total/NA
Prep Batch: 43282

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U F2 F1	0.100	0.06609	F1	mg/Kg		66	70 - 130		
Ethylbenzene	<0.00201	U F2 F1	0.100	0.06864	F1	mg/Kg		69	70 - 130		

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-3758-61 MS
Matrix: Solid
Analysis Batch: 43468

Client Sample ID: S-13 (2-2.5)
Prep Type: Total/NA
Prep Batch: 43282

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	<0.00201	U F2 F1	0.100	0.03535	F1	mg/Kg		35	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.006293	F1	mg/Kg		3	70 - 130
o-Xylene	<0.00201	U F2 F1	0.100	0.07070		mg/Kg		71	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 890-3758-61 MSD
Matrix: Solid
Analysis Batch: 43468

Client Sample ID: S-13 (2-2.5)
Prep Type: Total/NA
Prep Batch: 43282

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F2 F1	0.0990	0.02815	F2 F1	mg/Kg		28	70 - 130	81	35
Ethylbenzene	<0.00201	U F2 F1	0.0990	0.03604	F2 F1	mg/Kg		36	70 - 130	62	35
Toluene	<0.00201	U F2 F1	0.0990	0.01268	F2 F1	mg/Kg		13	70 - 130	94	35
m-Xylene & p-Xylene	<0.00402	U F1	0.198	<0.00396	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.00201	U F2 F1	0.0990	0.04416	F2 F1	mg/Kg		45	70 - 130	46	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 880-43341/5-A
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 11:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 11:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 11:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/06/23 08:49	01/06/23 11:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/06/23 08:49	01/06/23 11:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 08:49	01/06/23 11:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*58*	*S1-*	*70 - 130*	*01/06/23 08:49*	*01/06/23 11:29*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/06/23 08:49*	*01/06/23 11:29*	*1*

Lab Sample ID: LCS 880-43341/1-A
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43341

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09471		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09883		mg/Kg		99	70 - 130
Toluene	0.100	0.09602		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.2061		mg/Kg		103	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-43341/1-A
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43341

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09908		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-43341/2-A
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43341

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1004		mg/Kg		100	70 - 130	6	35
Ethylbenzene			0.100	0.09557		mg/Kg		96	70 - 130	3	35
Toluene			0.100	0.1001		mg/Kg		100	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2057		mg/Kg		103	70 - 130	0	35
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 890-3758-1 MS
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: S-1 (0-1)
Prep Type: Total/NA
Prep Batch: 43341

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0998	0.1172		mg/Kg		117	70 - 130		
Ethylbenzene	<0.00200	U	0.0998	0.1097		mg/Kg		110	70 - 130		
Toluene	<0.00200	U	0.0998	0.1117		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2280		mg/Kg		114	70 - 130		
o-Xylene	<0.00200	U	0.0998	0.1078		mg/Kg		108	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 890-3758-1 MSD
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: S-1 (0-1)
Prep Type: Total/NA
Prep Batch: 43341

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.1115		mg/Kg		112	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.0996	0.1061		mg/Kg		107	70 - 130	3	35
Toluene	<0.00200	U	0.0996	0.1034		mg/Kg		104	70 - 130	8	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.2186		mg/Kg		110	70 - 130	4	35
o-Xylene	<0.00200	U	0.0996	0.1036		mg/Kg		104	70 - 130	4	35

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-3758-1 MSD
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: S-1 (0-1)
Prep Type: Total/NA
Prep Batch: 43341

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-43344/5-A
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 00:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 00:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 00:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/06/23 09:05	01/07/23 00:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/06/23 09:05	01/07/23 00:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:05	01/07/23 00:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	59	S1-	70 - 130	01/06/23 09:05	01/07/23 00:48	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/06/23 09:05	01/07/23 00:48	1

Lab Sample ID: LCS 880-43344/1-A
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43344

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1046		mg/Kg		105	70 - 130		
Ethylbenzene			0.100	0.1012		mg/Kg		101	70 - 130		
Toluene			0.100	0.09854		mg/Kg		99	70 - 130		
m-Xylene & p-Xylene			0.200	0.2117		mg/Kg		106	70 - 130		
o-Xylene			0.100	0.1043		mg/Kg		104	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-43344/2-A
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43344

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1125		mg/Kg		113	70 - 130	7	35
Ethylbenzene			0.100	0.1066		mg/Kg		107	70 - 130	5	35
Toluene			0.100	0.1053		mg/Kg		105	70 - 130	7	35
m-Xylene & p-Xylene			0.200	0.2223		mg/Kg		111	70 - 130	5	35
o-Xylene			0.100	0.1082		mg/Kg		108	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-43344/2-A
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43344

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-3758-21 MS
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: S-5 (0-1)
Prep Type: Total/NA
Prep Batch: 43344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0998	0.09428		mg/Kg		94	70 - 130		
Ethylbenzene	<0.00200	U	0.0998	0.08768		mg/Kg		88	70 - 130		
Toluene	<0.00200	U	0.0998	0.08872		mg/Kg		89	70 - 130		
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1811		mg/Kg		91	70 - 130		
o-Xylene	<0.00200	U	0.0998	0.09088		mg/Kg		91	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-3758-21 MSD
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: S-5 (0-1)
Prep Type: Total/NA
Prep Batch: 43344

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.07930		mg/Kg		80	70 - 130	17	35
Ethylbenzene	<0.00200	U	0.0990	0.07380		mg/Kg		75	70 - 130	17	35
Toluene	<0.00200	U	0.0990	0.07822		mg/Kg		79	70 - 130	13	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1563		mg/Kg		79	70 - 130	15	35
o-Xylene	<0.00200	U	0.0990	0.07985		mg/Kg		81	70 - 130	13	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-43345/5-A
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43345

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 14:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 14:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 14:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/06/23 09:31	01/07/23 14:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/06/23 09:31	01/07/23 14:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:31	01/07/23 14:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	60	S1-	70 - 130	01/06/23 09:31	01/07/23 14:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/06/23 09:31	01/07/23 14:16	1

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-43345/1-A
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43345

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09172		mg/Kg		92	70 - 130		
Ethylbenzene			0.100	0.08431		mg/Kg		84	70 - 130		
Toluene			0.100	0.08385		mg/Kg		84	70 - 130		
m-Xylene & p-Xylene			0.200	0.1751		mg/Kg		88	70 - 130		
o-Xylene			0.100	0.08676		mg/Kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 880-43345/2-A
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43345

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09741		mg/Kg		97	70 - 130	6	35
Ethylbenzene			0.100	0.09109		mg/Kg		91	70 - 130	8	35
Toluene			0.100	0.09005		mg/Kg		90	70 - 130	7	35
m-Xylene & p-Xylene			0.200	0.1891		mg/Kg		95	70 - 130	8	35
o-Xylene			0.100	0.09320		mg/Kg		93	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 890-3758-41 MS
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: S-9 (0-1)
Prep Type: Total/NA
Prep Batch: 43345

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U F1	0.0998	0.05432	F1	mg/Kg		54	70 - 130		
Ethylbenzene	<0.00202	U F1	0.0998	0.04346	F1	mg/Kg		44	70 - 130		
Toluene	<0.00202	U F1	0.0998	0.05870	F1	mg/Kg		59	70 - 130		
m-Xylene & p-Xylene	<0.00403	U F1	0.200	0.1275	F1	mg/Kg		64	70 - 130		
o-Xylene	<0.00202	U F1	0.0998	0.06404	F1	mg/Kg		64	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: 890-3758-41 MSD
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: S-9 (0-1)
Prep Type: Total/NA
Prep Batch: 43345

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.100	0.06091	F1	mg/Kg		61	70 - 130	11	35
Ethylbenzene	<0.00202	U F1	0.100	0.04672	F1	mg/Kg		47	70 - 130	7	35
Toluene	<0.00202	U F1	0.100	0.06685	F1	mg/Kg		67	70 - 130	13	35

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-3758-41 MSD
Matrix: Solid
Analysis Batch: 43328

Client Sample ID: S-9 (0-1)
Prep Type: Total/NA
Prep Batch: 43345

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00403	U F1	0.200	0.1468		mg/Kg		73	70 - 130	14	35
o-Xylene	<0.00202	U F1	0.100	0.07055		mg/Kg		70	70 - 130	10	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: MB 880-43346/5-A
Matrix: Solid
Analysis Batch: 43378

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43346

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 01:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 01:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 01:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/06/23 09:37	01/07/23 01:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/06/23 09:37	01/07/23 01:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 09:37	01/07/23 01:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*01/06/23 09:37*	*01/07/23 01:53*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*01/06/23 09:37*	*01/07/23 01:53*	*1*

Lab Sample ID: LCS 880-43346/1-A
Matrix: Solid
Analysis Batch: 43378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43346

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09719		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09943		mg/Kg		99	70 - 130
Toluene	0.100	0.1076		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2194		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1456	*+	mg/Kg		146	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-43346/2-A
Matrix: Solid
Analysis Batch: 43378

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43346

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08774		mg/Kg		88	70 - 130	10	35
Ethylbenzene	0.100	0.09681		mg/Kg		97	70 - 130	3	35
Toluene	0.100	0.09902		mg/Kg		99	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2164		mg/Kg		108	70 - 130	1	35
o-Xylene	0.100	0.1312	*+	mg/Kg		131	70 - 130	10	35

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-3758-81 MS — **Client Sample ID: S-18 (1-1.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43378 — **Prep Batch: 43346**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U F1	0.0998	0.06647	F1	mg/Kg		67	70 - 130
Ethylbenzene	<0.00202	U F1	0.0998	0.06245	F1	mg/Kg		63	70 - 130
Toluene	<0.00202	U F1	0.0998	0.06879	F1	mg/Kg		69	70 - 130
m-Xylene & p-Xylene	<0.00403	U F1	0.200	0.1311	F1	mg/Kg		66	70 - 130
o-Xylene	<0.00202	U *+	0.0998	0.07676		mg/Kg		77	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-3758-81 MSD — **Client Sample ID: S-18 (1-1.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43378 — **Prep Batch: 43346**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.0990	0.09110		mg/Kg		92	70 - 130	31	35
Ethylbenzene	<0.00202	U F1	0.0990	0.06948		mg/Kg		70	70 - 130	11	35
Toluene	<0.00202	U F1	0.0990	0.08453		mg/Kg		85	70 - 130	21	35
m-Xylene & p-Xylene	<0.00403	U F1	0.198	0.1422		mg/Kg		72	70 - 130	8	35
o-Xylene	<0.00202	U *+	0.0990	0.08047		mg/Kg		81	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-43347/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43378 — **Prep Batch: 43347**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/23 10:22	01/06/23 15:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/23 10:22	01/06/23 15:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/23 10:22	01/06/23 15:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/06/23 10:22	01/06/23 15:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/06/23 10:22	01/06/23 15:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/23 10:22	01/06/23 15:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	01/06/23 10:22	01/06/23 15:17	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/06/23 10:22	01/06/23 15:17	1

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-43479/5-A
Matrix: Solid
Analysis Batch: 43471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43479

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 09:11	01/09/23 11:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 09:11	01/09/23 11:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 09:11	01/09/23 11:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/09/23 09:11	01/09/23 11:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/09/23 09:11	01/09/23 11:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 09:11	01/09/23 11:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*01/09/23 09:11*	*01/09/23 11:14*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*01/09/23 09:11*	*01/09/23 11:14*	*1*

Lab Sample ID: LCS 880-43479/1-A
Matrix: Solid
Analysis Batch: 43471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43479

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08291		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.07350		mg/Kg		73	70 - 130
Toluene	0.100	0.08166		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	0.200	0.1583		mg/Kg		79	70 - 130
o-Xylene	0.100	0.07894		mg/Kg		79	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-43479/2-A
Matrix: Solid
Analysis Batch: 43471

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43479

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09447		mg/Kg		94	70 - 130	13	35
Ethylbenzene	0.100	0.08452		mg/Kg		85	70 - 130	14	35
Toluene	0.100	0.09192		mg/Kg		92	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1820		mg/Kg		91	70 - 130	14	35
o-Xylene	0.100	0.09056		mg/Kg		91	70 - 130	14	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 820-7013-A-1-F MS
Matrix: Solid
Analysis Batch: 43471

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 43479

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08194		mg/Kg		82	70 - 130
Ethylbenzene	<0.00201	U F1	0.100	0.06914	F1	mg/Kg		69	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 820-7013-A-1-F MS
Matrix: Solid
Analysis Batch: 43471

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 43479

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	<0.00201	U	0.100	0.07829		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1511		mg/Kg		75	70 - 130
o-Xylene	<0.00201	U	0.100	0.07521		mg/Kg		75	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: 820-7013-A-1-G MSD
Matrix: Solid
Analysis Batch: 43471

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 43479

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.08958		mg/Kg		90	70 - 130	9	35
Ethylbenzene	<0.00201	U F1	0.0996	0.07189		mg/Kg		72	70 - 130	4	35
Toluene	<0.00201	U	0.0996	0.08435		mg/Kg		85	70 - 130	7	35
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1547		mg/Kg		78	70 - 130	2	35
o-Xylene	<0.00201	U	0.0996	0.07639		mg/Kg		77	70 - 130	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-43252/1-A
Matrix: Solid
Analysis Batch: 43317

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43252

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 08:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 08:29	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 11:26	01/06/23 08:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*01/05/23 11:26*	*01/06/23 08:29*	*1*
o-Terphenyl	*119*		*70 - 130*	*01/05/23 11:26*	*01/06/23 08:29*	*1*

Lab Sample ID: LCS 880-43252/2-A
Matrix: Solid
Analysis Batch: 43317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43252

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	809.9		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	778.9		mg/Kg		78	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-43252/2-A
Matrix: Solid
Analysis Batch: 43317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43252

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: LCSD 880-43252/3-A
Matrix: Solid
Analysis Batch: 43317

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43252

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	819.5		mg/Kg		82	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	826.8		mg/Kg		83	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: 890-3758-1 MS
Matrix: Solid
Analysis Batch: 43317

Client Sample ID: S-1 (0-1)
Prep Type: Total/NA
Prep Batch: 43252

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	974.0		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	930.6		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: 890-3758-1 MSD
Matrix: Solid
Analysis Batch: 43317

Client Sample ID: S-1 (0-1)
Prep Type: Total/NA
Prep Batch: 43252

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	935.9		mg/Kg		92	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	939.3		mg/Kg		94	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	103		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-43268/1-A
Matrix: Solid
Analysis Batch: 43465

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43268

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 08:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 08:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:15	01/09/23 08:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*148*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 08:31*	*1*
o-Terphenyl	*152*	*S1+*	*70 - 130*	*01/05/23 13:15*	*01/09/23 08:31*	*1*

Lab Sample ID: LCS 880-43268/2-A
Matrix: Solid
Analysis Batch: 43465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1048		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1033		mg/Kg		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*115*		*70 - 130*
o-Terphenyl	*118*		*70 - 130*

Lab Sample ID: LCSD 880-43268/3-A
Matrix: Solid
Analysis Batch: 43465

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43268

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1019		mg/Kg		102	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1095		mg/Kg		110	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*126*		*70 - 130*
o-Terphenyl	*125*		*70 - 130*

Lab Sample ID: 890-3758-21 MS
Matrix: Solid
Analysis Batch: 43465

Client Sample ID: S-5 (0-1)
Prep Type: Total/NA
Prep Batch: 43268

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	999	1388	F1	mg/Kg		136	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1146		mg/Kg		115	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-3758-21 MS
Matrix: Solid
Analysis Batch: 43465

Client Sample ID: S-5 (0-1)
Prep Type: Total/NA
Prep Batch: 43268

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	68	S1-	70 - 130

Lab Sample ID: 890-3758-21 MSD
Matrix: Solid
Analysis Batch: 43465

Client Sample ID: S-5 (0-1)
Prep Type: Total/NA
Prep Batch: 43268

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	999	1066	F2	mg/Kg		104	70 - 130	26	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1033		mg/Kg		103	70 - 130	10	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	66	S1-	70 - 130
o-Terphenyl	61	S1-	70 - 130

Lab Sample ID: MB 880-43269/1-A
Matrix: Solid
Analysis Batch: 43466

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43269

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 08:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 08:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 13:18	01/09/23 08:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	01/05/23 13:18	01/09/23 08:31	1
o-Terphenyl	133	S1+	70 - 130	01/05/23 13:18	01/09/23 08:31	1

Lab Sample ID: LCS 880-43269/2-A
Matrix: Solid
Analysis Batch: 43466

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43269

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	930.6		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	809.4		mg/Kg		81	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	91		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-43269/3-A
Matrix: Solid
Analysis Batch: 43466

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43269

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	957.4		mg/Kg		96	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	872.8		mg/Kg		87	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*101*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: 890-3758-41 MS
Matrix: Solid
Analysis Batch: 43466

Client Sample ID: S-9 (0-1)
Prep Type: Total/NA
Prep Batch: 43269

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	886.5		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	988.3		mg/Kg		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: 890-3758-41 MSD
Matrix: Solid
Analysis Batch: 43466

Client Sample ID: S-9 (0-1)
Prep Type: Total/NA
Prep Batch: 43269

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	1191	F2	mg/Kg		119	70 - 130	29	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1204		mg/Kg		121	70 - 130	20	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*120*		*70 - 130*
o-Terphenyl	*117*		*70 - 130*

Lab Sample ID: MB 880-43287/1-A
Matrix: Solid
Analysis Batch: 43454

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43287

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 09:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 09:07	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:40	01/07/23 09:07	1

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-43287/1-A
Matrix: Solid
Analysis Batch: 43454

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43287

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	01/05/23 14:40	01/07/23 09:07	1
o-Terphenyl	106		70 - 130	01/05/23 14:40	01/07/23 09:07	1

Lab Sample ID: LCS 880-43287/2-A
Matrix: Solid
Analysis Batch: 43454

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43287

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	829.8		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	796.5		mg/Kg		80	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: LCSD 880-43287/3-A
Matrix: Solid
Analysis Batch: 43454

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43287

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	834.6		mg/Kg		83	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	788.1		mg/Kg		79	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 890-3758-61 MS
Matrix: Solid
Analysis Batch: 43454

Client Sample ID: S-13 (2-2.5)
Prep Type: Total/NA
Prep Batch: 43287

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	814.6		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	848.5		mg/Kg		83	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	89		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-3758-61 MSD
Matrix: Solid
Analysis Batch: 43454

Client Sample ID: S-13 (2-2.5)
Prep Type: Total/NA
Prep Batch: 43287

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	997.5		mg/Kg		98	70 - 130	20	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	963.6		mg/Kg		95	70 - 130	13	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*119*		*70 - 130*
o-Terphenyl	*100*		*70 - 130*

Lab Sample ID: MB 880-43288/1-A
Matrix: Solid
Analysis Batch: 43452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43288

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 09:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 09:07	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/05/23 14:43	01/07/23 09:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*156*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 09:07*	*1*
o-Terphenyl	*173*	*S1+*	*70 - 130*	*01/05/23 14:43*	*01/07/23 09:07*	*1*

Lab Sample ID: LCS 880-43288/2-A
Matrix: Solid
Analysis Batch: 43452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43288

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1152		mg/Kg		115	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1125		mg/Kg		113	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*122*		*70 - 130*
o-Terphenyl	*123*		*70 - 130*

Lab Sample ID: LCSD 880-43288/3-A
Matrix: Solid
Analysis Batch: 43452

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43288

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1159		mg/Kg		116	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1085		mg/Kg		108	70 - 130	4	20

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-43288/3-A
Matrix: Solid
Analysis Batch: 43452

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43288

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 890-3758-81 MS
Matrix: Solid
Analysis Batch: 43452

Client Sample ID: S-18 (1-1.5)
Prep Type: Total/NA
Prep Batch: 43288

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	921.9		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1092		mg/Kg		108	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: 890-3758-81 MSD
Matrix: Solid
Analysis Batch: 43452

Client Sample ID: S-18 (1-1.5)
Prep Type: Total/NA
Prep Batch: 43288

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	935.4		mg/Kg		92	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1093		mg/Kg		108	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: MB 880-43343/1-A
Matrix: Solid
Analysis Batch: 43315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43343

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/23 08:18	01/06/23 08:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 08:18	01/06/23 08:29	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 08:18	01/06/23 08:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	150	S1+	70 - 130	01/06/23 08:18	01/06/23 08:29	1
o-Terphenyl	137	S1+	70 - 130	01/06/23 08:18	01/06/23 08:29	1

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-43343/2-A
Matrix: Solid
Analysis Batch: 43315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43343

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1055		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1009		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*128*		*70 - 130*
o-Terphenyl	*117*		*70 - 130*

Lab Sample ID: LCSD 880-43343/3-A
Matrix: Solid
Analysis Batch: 43315

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43343

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	994.1		mg/Kg		99	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	1020		mg/Kg		102	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*125*		*70 - 130*
o-Terphenyl	*123*		*70 - 130*

Lab Sample ID: 890-3758-101 MS
Matrix: Solid
Analysis Batch: 43315

Client Sample ID: H-18
Prep Type: Total/NA
Prep Batch: 43343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1138		mg/Kg		112	70 - 130		
Diesel Range Organics (Over C10-C28)	90.7		998	1021		mg/Kg		93	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*101*		*70 - 130*
o-Terphenyl	*96*		*70 - 130*

Lab Sample ID: 890-3758-101 MSD
Matrix: Solid
Analysis Batch: 43315

Client Sample ID: H-18
Prep Type: Total/NA
Prep Batch: 43343

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	980.3		mg/Kg		96	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	90.7		997	1038		mg/Kg		95	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-3758-101 MSD
Matrix: Solid
Analysis Batch: 43315

Client Sample ID: H-18
Prep Type: Total/NA
Prep Batch: 43343

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	98		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-43103/1-A
Matrix: Solid
Analysis Batch: 43312

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/06/23 21:47	1

Lab Sample ID: LCS 880-43103/2-A
Matrix: Solid
Analysis Batch: 43312

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	261.2		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-43103/3-A
Matrix: Solid
Analysis Batch: 43312

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	263.0		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 880-23341-A-1-C MS
Matrix: Solid
Analysis Batch: 43312

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1080		250	1317	4	mg/Kg		97	90 - 110		

Lab Sample ID: 880-23341-A-1-D MSD
Matrix: Solid
Analysis Batch: 43312

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1080		250	1319	4	mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-43272/1-A
Matrix: Solid
Analysis Batch: 43415

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/08/23 12:56	1

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-43272/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43415

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	249.6		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-43272/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43415

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	269.9		mg/Kg		108	90 - 110	8	20

Lab Sample ID: 890-3758-1 MS — **Client Sample ID: S-1 (0-1)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43415

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<5.05	U F1	253	309.9	F1	mg/Kg		122	90 - 110		

Lab Sample ID: 890-3758-1 MSD — **Client Sample ID: S-1 (0-1)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43415

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.05	U F1	253	320.0	F1	mg/Kg		126	90 - 110	3	20

Lab Sample ID: 890-3758-11 MS — **Client Sample ID: S-3 (0-1)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43415

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	15.3	F1	252	321.9	F1	mg/Kg		122	90 - 110		

Lab Sample ID: 890-3758-11 MSD — **Client Sample ID: S-3 (0-1)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43415

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	15.3	F1	252	297.6	F1	mg/Kg		112	90 - 110	8	20

Lab Sample ID: MB 880-43274/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43419

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/08/23 19:01	1

Lab Sample ID: LCS 880-43274/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43419

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	254.7		mg/Kg		102	90 - 110		

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-43274/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43419

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	260.7		mg/Kg		104	90 - 110	2	20

Lab Sample ID: 890-3758-41 MS — **Client Sample ID: S-9 (0-1)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43419

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7370	F1	5030	13040	F1	mg/Kg		113	90 - 110

Lab Sample ID: 890-3758-41 MSD — **Client Sample ID: S-9 (0-1)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43419

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7370	F1	5030	12680		mg/Kg		106	90 - 110	3	20

Lab Sample ID: 890-3758-51 MS — **Client Sample ID: S-11 (2-2.5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43419

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	145	F1	250	448.3	F1	mg/Kg		121	90 - 110

Lab Sample ID: 890-3758-51 MSD — **Client Sample ID: S-11 (2-2.5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43419

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	145	F1	250	466.1	F1	mg/Kg		128	90 - 110	4	20

Lab Sample ID: MB 880-43273/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43438

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/08/23 16:08	1

Lab Sample ID: LCS 880-43273/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43438

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	251.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-43273/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43438

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	267.4		mg/Kg		107	90 - 110	6	20

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QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-3758-21 MS
Matrix: Solid
Analysis Batch: 43438

Client Sample ID: S-5 (0-1)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	114		251	357.3		mg/Kg		97	90 - 110

Lab Sample ID: 890-3758-21 MSD
Matrix: Solid
Analysis Batch: 43438

Client Sample ID: S-5 (0-1)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	114		251	377.1		mg/Kg		105	90 - 110	5	20

Lab Sample ID: 890-3758-31 MS
Matrix: Solid
Analysis Batch: 43438

Client Sample ID: S-7 (0-1)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<4.96	U F1	248	283.6	F1	mg/Kg		113	90 - 110

Lab Sample ID: 890-3758-31 MSD
Matrix: Solid
Analysis Batch: 43438

Client Sample ID: S-7 (0-1)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<4.96	U F1	248	301.8	F1	mg/Kg		120	90 - 110	6	20

Lab Sample ID: MB 880-43275/1-A
Matrix: Solid
Analysis Batch: 43440

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/08/23 21:55	1

Lab Sample ID: LCS 880-43275/2-A
Matrix: Solid
Analysis Batch: 43440

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.3		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-43275/3-A
Matrix: Solid
Analysis Batch: 43440

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	248.4		mg/Kg		99	90 - 110	3	20

Lab Sample ID: 890-3758-61 MS
Matrix: Solid
Analysis Batch: 43440

Client Sample ID: S-13 (2-2.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1970	F1	2510	4838	F1	mg/Kg		114	90 - 110

QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-3758-61 MSD
Matrix: Solid
Analysis Batch: 43440

Client Sample ID: S-13 (2-2.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1970	F1	2510	5169	F1	mg/Kg		128	90 - 110	7	20

Lab Sample ID: 890-3758-71 MS
Matrix: Solid
Analysis Batch: 43440

Client Sample ID: S-15 (2-2.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12.7	F1	251	297.0	F1	mg/Kg		113	90 - 110

Lab Sample ID: 890-3758-71 MSD
Matrix: Solid
Analysis Batch: 43440

Client Sample ID: S-15 (2-2.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12.7	F1	251	315.4	F1	mg/Kg		121	90 - 110	6	20

Lab Sample ID: MB 880-43277/1-A
Matrix: Solid
Analysis Batch: 43441

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/09/23 00:49	1

Lab Sample ID: LCS 880-43277/2-A
Matrix: Solid
Analysis Batch: 43441

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	256.1		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-43277/3-A
Matrix: Solid
Analysis Batch: 43441

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	254.2		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 890-3758-81 MS
Matrix: Solid
Analysis Batch: 43441

Client Sample ID: S-18 (1-1.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3270	F1	2530	6156	F1	mg/Kg		114	90 - 110

Lab Sample ID: 890-3758-81 MSD
Matrix: Solid
Analysis Batch: 43441

Client Sample ID: S-18 (1-1.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3270	F1	2530	6436	F1	mg/Kg		125	90 - 110	4	20

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QC Sample Results

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-3758-91 MS
Matrix: Solid
Analysis Batch: 43441

Client Sample ID: H-8
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<5.04	U F1	252	295.7	F1	mg/Kg		116	90 - 110		

Lab Sample ID: 890-3758-91 MSD
Matrix: Solid
Analysis Batch: 43441

Client Sample ID: H-8
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.04	U F1	252	311.7	F1	mg/Kg		123	90 - 110	5	20

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC VOA

Prep Batch: 43282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-61	S-13 (2-2.5)	Total/NA	Solid	5035	
890-3758-62	S-13 (3-3.5)	Total/NA	Solid	5035	
890-3758-63	S-13 (4-4.5)	Total/NA	Solid	5035	
890-3758-64	S-14 (0-1)	Total/NA	Solid	5035	
890-3758-65	S-14 (1-1.5)	Total/NA	Solid	5035	
890-3758-66	S-14 (2-2.5)	Total/NA	Solid	5035	
890-3758-67	S-14 (3-3.5)	Total/NA	Solid	5035	
890-3758-68	S-14 (4-4.5)	Total/NA	Solid	5035	
890-3758-69	S-15 (0-1)	Total/NA	Solid	5035	
890-3758-70	S-15 (1-1.5)	Total/NA	Solid	5035	
890-3758-71	S-15 (2-2.5)	Total/NA	Solid	5035	
890-3758-72	S-15 (3-3.5)	Total/NA	Solid	5035	
890-3758-73	S-16 (0-1)	Total/NA	Solid	5035	
890-3758-74	S-16 (1-1.5)	Total/NA	Solid	5035	
890-3758-75	S-17 (0-1)	Total/NA	Solid	5035	
890-3758-76	S-17 (1-1.5)	Total/NA	Solid	5035	
890-3758-77	S-17 (2-2.5)	Total/NA	Solid	5035	
890-3758-78	S-17 (3-3.5)	Total/NA	Solid	5035	
890-3758-79	S-17 (4-4.5)	Total/NA	Solid	5035	
890-3758-80	S-18 (0-1)	Total/NA	Solid	5035	
MB 880-43282/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43282/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43282/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3758-61 MS	S-13 (2-2.5)	Total/NA	Solid	5035	
890-3758-61 MSD	S-13 (2-2.5)	Total/NA	Solid	5035	

Analysis Batch: 43328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-1	S-1 (0-1)	Total/NA	Solid	8021B	43341
890-3758-2	S-1 (1-1.5)	Total/NA	Solid	8021B	43341
890-3758-3	S-1 (2-2.5)	Total/NA	Solid	8021B	43341
890-3758-4	S-1 (3-3.5)	Total/NA	Solid	8021B	43341
890-3758-5	S-1 (4-4.5)	Total/NA	Solid	8021B	43341
890-3758-6	S-2 (0-1)	Total/NA	Solid	8021B	43341
890-3758-7	S-2 (1-1.5)	Total/NA	Solid	8021B	43341
890-3758-8	S-2 (2-2.5)	Total/NA	Solid	8021B	43341
890-3758-9	S-2 (3-3.5)	Total/NA	Solid	8021B	43341
890-3758-10	S-2 (4-4.5)	Total/NA	Solid	8021B	43341
890-3758-11	S-3 (0-1)	Total/NA	Solid	8021B	43341
890-3758-12	S-3 (1-1.5)	Total/NA	Solid	8021B	43341
890-3758-13	S-3 (2-2.5)	Total/NA	Solid	8021B	43341
890-3758-14	S-3 (3-3.5)	Total/NA	Solid	8021B	43341
890-3758-15	S-3 (4-4.5)	Total/NA	Solid	8021B	43341
890-3758-16	S-4 (0-1)	Total/NA	Solid	8021B	43341
890-3758-17	S-4 (1-1.5)	Total/NA	Solid	8021B	43341
890-3758-18	S-4 (2-2.5)	Total/NA	Solid	8021B	43341
890-3758-19	S-4 (3-3.5)	Total/NA	Solid	8021B	43341
890-3758-20	S-4 (4-4.5)	Total/NA	Solid	8021B	43341
890-3758-21	S-5 (0-1)	Total/NA	Solid	8021B	43344
890-3758-22	S-5 (1-1.5)	Total/NA	Solid	8021B	43344
890-3758-23	S-5 (2-2.5)	Total/NA	Solid	8021B	43344

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC VOA (Continued)

Analysis Batch: 43328 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-24	S-5 (3-3.5)	Total/NA	Solid	8021B	43344
890-3758-25	S-5 (4-4.5)	Total/NA	Solid	8021B	43344
890-3758-26	S-6 (0-1)	Total/NA	Solid	8021B	43344
890-3758-27	S-6 (1-1.5)	Total/NA	Solid	8021B	43344
890-3758-28	S-6 (2-2.5)	Total/NA	Solid	8021B	43344
890-3758-29	S-6 (3-3.5)	Total/NA	Solid	8021B	43344
890-3758-30	S-6 (4-4.5)	Total/NA	Solid	8021B	43344
890-3758-31	S-7 (0-1)	Total/NA	Solid	8021B	43344
890-3758-32	S-7 (1-1.5)	Total/NA	Solid	8021B	43344
890-3758-33	S-7 (2-2.5)	Total/NA	Solid	8021B	43344
890-3758-34	S-7 (3-3.5)	Total/NA	Solid	8021B	43344
890-3758-35	S-7 (4-4.5)	Total/NA	Solid	8021B	43344
890-3758-36	S-8 (0-1)	Total/NA	Solid	8021B	43344
890-3758-37	S-8 (1-1.5)	Total/NA	Solid	8021B	43344
890-3758-38	S-8 (2-2.5)	Total/NA	Solid	8021B	43344
890-3758-39	S-8 (3-3.5)	Total/NA	Solid	8021B	43344
890-3758-40	S-8 (4-4.5)	Total/NA	Solid	8021B	43344
890-3758-41	S-9 (0-1)	Total/NA	Solid	8021B	43345
890-3758-42	S-9 (1-1.5)	Total/NA	Solid	8021B	43345
890-3758-43	S-9 (2-2.5)	Total/NA	Solid	8021B	43345
890-3758-44	S-10 (0-1)	Total/NA	Solid	8021B	43345
890-3758-45	S-10 (1-1.5)	Total/NA	Solid	8021B	43345
890-3758-46	S-10 (2-2.5)	Total/NA	Solid	8021B	43345
890-3758-47	S-10 (3-3.5)	Total/NA	Solid	8021B	43345
890-3758-48	S-10 (4-4.5)	Total/NA	Solid	8021B	43345
890-3758-49	S-11 (0-1)	Total/NA	Solid	8021B	43345
890-3758-50	S-11 (1-1.5)	Total/NA	Solid	8021B	43345
890-3758-51	S-11 (2-2.5)	Total/NA	Solid	8021B	43345
890-3758-52	S-11 (3-3.5)	Total/NA	Solid	8021B	43345
890-3758-53	S-11 (4-4.5)	Total/NA	Solid	8021B	43345
890-3758-54	S-12 (0-1)	Total/NA	Solid	8021B	43345
890-3758-55	S-12 (1-1.5)	Total/NA	Solid	8021B	43345
890-3758-56	S-12 (2-2.5)	Total/NA	Solid	8021B	43345
890-3758-57	S-12 (3-3.5)	Total/NA	Solid	8021B	43345
890-3758-58	S-12 (4-4.5)	Total/NA	Solid	8021B	43345
890-3758-59	S-13 (0-1)	Total/NA	Solid	8021B	43345
890-3758-60	S-13 (1-1.5)	Total/NA	Solid	8021B	43345
MB 880-43341/5-A	Method Blank	Total/NA	Solid	8021B	43341
MB 880-43344/5-A	Method Blank	Total/NA	Solid	8021B	43344
MB 880-43345/5-A	Method Blank	Total/NA	Solid	8021B	43345
LCS 880-43341/1-A	Lab Control Sample	Total/NA	Solid	8021B	43341
LCS 880-43344/1-A	Lab Control Sample	Total/NA	Solid	8021B	43344
LCS 880-43345/1-A	Lab Control Sample	Total/NA	Solid	8021B	43345
LCSD 880-43341/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43341
LCSD 880-43344/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43344
LCSD 880-43345/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43345
890-3758-1 MS	S-1 (0-1)	Total/NA	Solid	8021B	43341
890-3758-1 MSD	S-1 (0-1)	Total/NA	Solid	8021B	43341
890-3758-21 MS	S-5 (0-1)	Total/NA	Solid	8021B	43344
890-3758-21 MSD	S-5 (0-1)	Total/NA	Solid	8021B	43344
890-3758-41 MS	S-9 (0-1)	Total/NA	Solid	8021B	43345

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC VOA (Continued)

Analysis Batch: 43328 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-41 MSD	S-9 (0-1)	Total/NA	Solid	8021B	43345

Prep Batch: 43341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-1	S-1 (0-1)	Total/NA	Solid	5035	
890-3758-2	S-1 (1-1.5)	Total/NA	Solid	5035	
890-3758-3	S-1 (2-2.5)	Total/NA	Solid	5035	
890-3758-4	S-1 (3-3.5)	Total/NA	Solid	5035	
890-3758-5	S-1 (4-4.5)	Total/NA	Solid	5035	
890-3758-6	S-2 (0-1)	Total/NA	Solid	5035	
890-3758-7	S-2 (1-1.5)	Total/NA	Solid	5035	
890-3758-8	S-2 (2-2.5)	Total/NA	Solid	5035	
890-3758-9	S-2 (3-3.5)	Total/NA	Solid	5035	
890-3758-10	S-2 (4-4.5)	Total/NA	Solid	5035	
890-3758-11	S-3 (0-1)	Total/NA	Solid	5035	
890-3758-12	S-3 (1-1.5)	Total/NA	Solid	5035	
890-3758-13	S-3 (2-2.5)	Total/NA	Solid	5035	
890-3758-14	S-3 (3-3.5)	Total/NA	Solid	5035	
890-3758-15	S-3 (4-4.5)	Total/NA	Solid	5035	
890-3758-16	S-4 (0-1)	Total/NA	Solid	5035	
890-3758-17	S-4 (1-1.5)	Total/NA	Solid	5035	
890-3758-18	S-4 (2-2.5)	Total/NA	Solid	5035	
890-3758-19	S-4 (3-3.5)	Total/NA	Solid	5035	
890-3758-20	S-4 (4-4.5)	Total/NA	Solid	5035	
MB 880-43341/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43341/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43341/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3758-1 MS	S-1 (0-1)	Total/NA	Solid	5035	
890-3758-1 MSD	S-1 (0-1)	Total/NA	Solid	5035	

Prep Batch: 43344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-21	S-5 (0-1)	Total/NA	Solid	5035	
890-3758-22	S-5 (1-1.5)	Total/NA	Solid	5035	
890-3758-23	S-5 (2-2.5)	Total/NA	Solid	5035	
890-3758-24	S-5 (3-3.5)	Total/NA	Solid	5035	
890-3758-25	S-5 (4-4.5)	Total/NA	Solid	5035	
890-3758-26	S-6 (0-1)	Total/NA	Solid	5035	
890-3758-27	S-6 (1-1.5)	Total/NA	Solid	5035	
890-3758-28	S-6 (2-2.5)	Total/NA	Solid	5035	
890-3758-29	S-6 (3-3.5)	Total/NA	Solid	5035	
890-3758-30	S-6 (4-4.5)	Total/NA	Solid	5035	
890-3758-31	S-7 (0-1)	Total/NA	Solid	5035	
890-3758-32	S-7 (1-1.5)	Total/NA	Solid	5035	
890-3758-33	S-7 (2-2.5)	Total/NA	Solid	5035	
890-3758-34	S-7 (3-3.5)	Total/NA	Solid	5035	
890-3758-35	S-7 (4-4.5)	Total/NA	Solid	5035	
890-3758-36	S-8 (0-1)	Total/NA	Solid	5035	
890-3758-37	S-8 (1-1.5)	Total/NA	Solid	5035	
890-3758-38	S-8 (2-2.5)	Total/NA	Solid	5035	
890-3758-39	S-8 (3-3.5)	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC VOA (Continued)

Prep Batch: 43344 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-40	S-8 (4-4.5)	Total/NA	Solid	5035	
MB 880-43344/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43344/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43344/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3758-21 MS	S-5 (0-1)	Total/NA	Solid	5035	
890-3758-21 MSD	S-5 (0-1)	Total/NA	Solid	5035	

Prep Batch: 43345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-41	S-9 (0-1)	Total/NA	Solid	5035	
890-3758-42	S-9 (1-1.5)	Total/NA	Solid	5035	
890-3758-43	S-9 (2-2.5)	Total/NA	Solid	5035	
890-3758-44	S-10 (0-1)	Total/NA	Solid	5035	
890-3758-45	S-10 (1-1.5)	Total/NA	Solid	5035	
890-3758-46	S-10 (2-2.5)	Total/NA	Solid	5035	
890-3758-47	S-10 (3-3.5)	Total/NA	Solid	5035	
890-3758-48	S-10 (4-4.5)	Total/NA	Solid	5035	
890-3758-49	S-11 (0-1)	Total/NA	Solid	5035	
890-3758-50	S-11 (1-1.5)	Total/NA	Solid	5035	
890-3758-51	S-11 (2-2.5)	Total/NA	Solid	5035	
890-3758-52	S-11 (3-3.5)	Total/NA	Solid	5035	
890-3758-53	S-11 (4-4.5)	Total/NA	Solid	5035	
890-3758-54	S-12 (0-1)	Total/NA	Solid	5035	
890-3758-55	S-12 (1-1.5)	Total/NA	Solid	5035	
890-3758-56	S-12 (2-2.5)	Total/NA	Solid	5035	
890-3758-57	S-12 (3-3.5)	Total/NA	Solid	5035	
890-3758-58	S-12 (4-4.5)	Total/NA	Solid	5035	
890-3758-59	S-13 (0-1)	Total/NA	Solid	5035	
890-3758-60	S-13 (1-1.5)	Total/NA	Solid	5035	
MB 880-43345/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43345/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43345/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3758-41 MS	S-9 (0-1)	Total/NA	Solid	5035	
890-3758-41 MSD	S-9 (0-1)	Total/NA	Solid	5035	

Prep Batch: 43346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-81	S-18 (1-1.5)	Total/NA	Solid	5035	
890-3758-82	S-18 (2-2.5)	Total/NA	Solid	5035	
890-3758-83	S-18 (3-3.5)	Total/NA	Solid	5035	
890-3758-84	H-1	Total/NA	Solid	5035	
890-3758-85	H-2	Total/NA	Solid	5035	
890-3758-86	H-3	Total/NA	Solid	5035	
890-3758-87	H-4	Total/NA	Solid	5035	
890-3758-88	H-5	Total/NA	Solid	5035	
890-3758-89	H-6	Total/NA	Solid	5035	
890-3758-90	H-7	Total/NA	Solid	5035	
890-3758-91	H-8	Total/NA	Solid	5035	
890-3758-92	H-9	Total/NA	Solid	5035	
890-3758-93	H-10	Total/NA	Solid	5035	
890-3758-94	H-11	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC VOA (Continued)

Prep Batch: 43346 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-95	H-12	Total/NA	Solid	5035	
890-3758-96	H-13	Total/NA	Solid	5035	
890-3758-97	H-14	Total/NA	Solid	5035	
890-3758-98	H-15	Total/NA	Solid	5035	
890-3758-99	H-16	Total/NA	Solid	5035	
890-3758-100	H-17	Total/NA	Solid	5035	
MB 880-43346/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43346/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43346/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3758-81 MS	S-18 (1-1.5)	Total/NA	Solid	5035	
890-3758-81 MSD	S-18 (1-1.5)	Total/NA	Solid	5035	

Prep Batch: 43347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43347/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 43378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-81	S-18 (1-1.5)	Total/NA	Solid	8021B	43346
890-3758-82	S-18 (2-2.5)	Total/NA	Solid	8021B	43346
890-3758-83	S-18 (3-3.5)	Total/NA	Solid	8021B	43346
890-3758-84	H-1	Total/NA	Solid	8021B	43346
890-3758-85	H-2	Total/NA	Solid	8021B	43346
890-3758-86	H-3	Total/NA	Solid	8021B	43346
890-3758-87	H-4	Total/NA	Solid	8021B	43346
890-3758-88	H-5	Total/NA	Solid	8021B	43346
890-3758-89	H-6	Total/NA	Solid	8021B	43346
890-3758-90	H-7	Total/NA	Solid	8021B	43346
890-3758-91	H-8	Total/NA	Solid	8021B	43346
890-3758-92	H-9	Total/NA	Solid	8021B	43346
890-3758-93	H-10	Total/NA	Solid	8021B	43346
890-3758-94	H-11	Total/NA	Solid	8021B	43346
890-3758-95	H-12	Total/NA	Solid	8021B	43346
890-3758-96	H-13	Total/NA	Solid	8021B	43346
890-3758-97	H-14	Total/NA	Solid	8021B	43346
890-3758-98	H-15	Total/NA	Solid	8021B	43346
890-3758-99	H-16	Total/NA	Solid	8021B	43346
890-3758-100	H-17	Total/NA	Solid	8021B	43346
MB 880-43346/5-A	Method Blank	Total/NA	Solid	8021B	43346
MB 880-43347/5-A	Method Blank	Total/NA	Solid	8021B	43347
LCS 880-43346/1-A	Lab Control Sample	Total/NA	Solid	8021B	43346
LCSD 880-43346/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43346
890-3758-81 MS	S-18 (1-1.5)	Total/NA	Solid	8021B	43346
890-3758-81 MSD	S-18 (1-1.5)	Total/NA	Solid	8021B	43346

Analysis Batch: 43447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-1	S-1 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-2	S-1 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-3	S-1 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-4	S-1 (3-3.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC VOA (Continued)

Analysis Batch: 43447 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-5	S-1 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-6	S-2 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-7	S-2 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-8	S-2 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-9	S-2 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-10	S-2 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-11	S-3 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-12	S-3 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-13	S-3 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-14	S-3 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-15	S-3 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-16	S-4 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-17	S-4 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-18	S-4 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-19	S-4 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-20	S-4 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-21	S-5 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-22	S-5 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-23	S-5 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-24	S-5 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-25	S-5 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-26	S-6 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-27	S-6 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-28	S-6 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-29	S-6 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-30	S-6 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-31	S-7 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-32	S-7 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-33	S-7 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-34	S-7 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-35	S-7 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-36	S-8 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-37	S-8 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-38	S-8 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-39	S-8 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-40	S-8 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-41	S-9 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-42	S-9 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-43	S-9 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-44	S-10 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-45	S-10 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-46	S-10 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-47	S-10 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-48	S-10 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-49	S-11 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-50	S-11 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-51	S-11 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-52	S-11 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-53	S-11 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-54	S-12 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-55	S-12 (1-1.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC VOA (Continued)

Analysis Batch: 43447 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-56	S-12 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-57	S-12 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-58	S-12 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-59	S-13 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-60	S-13 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-61	S-13 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-62	S-13 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-63	S-13 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-64	S-14 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-65	S-14 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-66	S-14 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-67	S-14 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-68	S-14 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-69	S-15 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-70	S-15 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-71	S-15 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-72	S-15 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-73	S-16 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-74	S-16 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-75	S-17 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-76	S-17 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-77	S-17 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-78	S-17 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-79	S-17 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3758-80	S-18 (0-1)	Total/NA	Solid	Total BTEX	
890-3758-81	S-18 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3758-82	S-18 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3758-83	S-18 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3758-84	H-1	Total/NA	Solid	Total BTEX	
890-3758-85	H-2	Total/NA	Solid	Total BTEX	
890-3758-86	H-3	Total/NA	Solid	Total BTEX	
890-3758-87	H-4	Total/NA	Solid	Total BTEX	
890-3758-88	H-5	Total/NA	Solid	Total BTEX	
890-3758-89	H-6	Total/NA	Solid	Total BTEX	
890-3758-90	H-7	Total/NA	Solid	Total BTEX	
890-3758-91	H-8	Total/NA	Solid	Total BTEX	
890-3758-92	H-9	Total/NA	Solid	Total BTEX	
890-3758-93	H-10	Total/NA	Solid	Total BTEX	
890-3758-94	H-11	Total/NA	Solid	Total BTEX	
890-3758-95	H-12	Total/NA	Solid	Total BTEX	
890-3758-96	H-13	Total/NA	Solid	Total BTEX	
890-3758-97	H-14	Total/NA	Solid	Total BTEX	
890-3758-98	H-15	Total/NA	Solid	Total BTEX	
890-3758-99	H-16	Total/NA	Solid	Total BTEX	
890-3758-100	H-17	Total/NA	Solid	Total BTEX	
890-3758-101	H-18	Total/NA	Solid	Total BTEX	
890-3758-102	H-19	Total/NA	Solid	Total BTEX	

Analysis Batch: 43468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-61	S-13 (2-2.5)	Total/NA	Solid	8021B	43282

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC VOA (Continued)

Analysis Batch: 43468 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-62	S-13 (3-3.5)	Total/NA	Solid	8021B	43282
890-3758-63	S-13 (4-4.5)	Total/NA	Solid	8021B	43282
890-3758-64	S-14 (0-1)	Total/NA	Solid	8021B	43282
890-3758-65	S-14 (1-1.5)	Total/NA	Solid	8021B	43282
890-3758-66	S-14 (2-2.5)	Total/NA	Solid	8021B	43282
890-3758-67	S-14 (3-3.5)	Total/NA	Solid	8021B	43282
890-3758-68	S-14 (4-4.5)	Total/NA	Solid	8021B	43282
890-3758-69	S-15 (0-1)	Total/NA	Solid	8021B	43282
890-3758-70	S-15 (1-1.5)	Total/NA	Solid	8021B	43282
890-3758-71	S-15 (2-2.5)	Total/NA	Solid	8021B	43282
890-3758-72	S-15 (3-3.5)	Total/NA	Solid	8021B	43282
890-3758-73	S-16 (0-1)	Total/NA	Solid	8021B	43282
890-3758-74	S-16 (1-1.5)	Total/NA	Solid	8021B	43282
890-3758-75	S-17 (0-1)	Total/NA	Solid	8021B	43282
890-3758-76	S-17 (1-1.5)	Total/NA	Solid	8021B	43282
890-3758-77	S-17 (2-2.5)	Total/NA	Solid	8021B	43282
890-3758-78	S-17 (3-3.5)	Total/NA	Solid	8021B	43282
890-3758-79	S-17 (4-4.5)	Total/NA	Solid	8021B	43282
890-3758-80	S-18 (0-1)	Total/NA	Solid	8021B	43282
MB 880-43282/5-A	Method Blank	Total/NA	Solid	8021B	43282
LCS 880-43282/1-A	Lab Control Sample	Total/NA	Solid	8021B	43282
LCSD 880-43282/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43282
890-3758-61 MS	S-13 (2-2.5)	Total/NA	Solid	8021B	43282
890-3758-61 MSD	S-13 (2-2.5)	Total/NA	Solid	8021B	43282

Analysis Batch: 43471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-101	H-18	Total/NA	Solid	8021B	43479
890-3758-102	H-19	Total/NA	Solid	8021B	43479
MB 880-43479/5-A	Method Blank	Total/NA	Solid	8021B	43479
LCS 880-43479/1-A	Lab Control Sample	Total/NA	Solid	8021B	43479
LCSD 880-43479/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43479
820-7013-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	43479
820-7013-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	43479

Prep Batch: 43479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-101	H-18	Total/NA	Solid	5035	
890-3758-102	H-19	Total/NA	Solid	5035	
MB 880-43479/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43479/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43479/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
820-7013-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
820-7013-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 43252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-1	S-1 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-2	S-1 (1-1.5)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC Semi VOA (Continued)

Prep Batch: 43252 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-3	S-1 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-4	S-1 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-5	S-1 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3758-6	S-2 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-7	S-2 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-8	S-2 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-9	S-2 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-10	S-2 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3758-11	S-3 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-12	S-3 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-13	S-3 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-14	S-3 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-15	S-3 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3758-16	S-4 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-17	S-4 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-18	S-4 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-19	S-4 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-20	S-4 (4-4.5)	Total/NA	Solid	8015NM Prep	
MB 880-43252/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43252/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43252/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3758-1 MS	S-1 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-1 MSD	S-1 (0-1)	Total/NA	Solid	8015NM Prep	

Prep Batch: 43268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-21	S-5 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-22	S-5 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-23	S-5 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-24	S-5 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-25	S-5 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3758-26	S-6 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-27	S-6 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-28	S-6 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-29	S-6 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-30	S-6 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3758-31	S-7 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-32	S-7 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-33	S-7 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-34	S-7 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-35	S-7 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3758-36	S-8 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-37	S-8 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-38	S-8 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-39	S-8 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-40	S-8 (4-4.5)	Total/NA	Solid	8015NM Prep	
MB 880-43268/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43268/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43268/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3758-21 MS	S-5 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-21 MSD	S-5 (0-1)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC Semi VOA

Prep Batch: 43269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-41	S-9 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-42	S-9 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-43	S-9 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-44	S-10 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-45	S-10 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-46	S-10 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-47	S-10 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-48	S-10 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3758-49	S-11 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-50	S-11 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-51	S-11 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-52	S-11 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-53	S-11 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3758-54	S-12 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-55	S-12 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-56	S-12 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-57	S-12 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-58	S-12 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3758-59	S-13 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-60	S-13 (1-1.5)	Total/NA	Solid	8015NM Prep	
MB 880-43269/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43269/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43269/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3758-41 MS	S-9 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-41 MSD	S-9 (0-1)	Total/NA	Solid	8015NM Prep	

Prep Batch: 43287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-61	S-13 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-62	S-13 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-63	S-13 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3758-64	S-14 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-65	S-14 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-66	S-14 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-67	S-14 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-68	S-14 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3758-69	S-15 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-70	S-15 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-71	S-15 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-72	S-15 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-73	S-16 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-74	S-16 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-75	S-17 (0-1)	Total/NA	Solid	8015NM Prep	
890-3758-76	S-17 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-77	S-17 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-78	S-17 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-79	S-17 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3758-80	S-18 (0-1)	Total/NA	Solid	8015NM Prep	
MB 880-43287/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43287/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43287/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC Semi VOA (Continued)

Prep Batch: 43287 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-61 MS	S-13 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-61 MSD	S-13 (2-2.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 43288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-81	S-18 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-82	S-18 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3758-83	S-18 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3758-84	H-1	Total/NA	Solid	8015NM Prep	
890-3758-85	H-2	Total/NA	Solid	8015NM Prep	
890-3758-86	H-3	Total/NA	Solid	8015NM Prep	
890-3758-87	H-4	Total/NA	Solid	8015NM Prep	
890-3758-88	H-5	Total/NA	Solid	8015NM Prep	
890-3758-89	H-6	Total/NA	Solid	8015NM Prep	
890-3758-90	H-7	Total/NA	Solid	8015NM Prep	
890-3758-91	H-8	Total/NA	Solid	8015NM Prep	
890-3758-92	H-9	Total/NA	Solid	8015NM Prep	
890-3758-93	H-10	Total/NA	Solid	8015NM Prep	
890-3758-94	H-11	Total/NA	Solid	8015NM Prep	
890-3758-95	H-12	Total/NA	Solid	8015NM Prep	
890-3758-96	H-13	Total/NA	Solid	8015NM Prep	
890-3758-97	H-14	Total/NA	Solid	8015NM Prep	
890-3758-98	H-15	Total/NA	Solid	8015NM Prep	
890-3758-99	H-16	Total/NA	Solid	8015NM Prep	
890-3758-100	H-17	Total/NA	Solid	8015NM Prep	
MB 880-43288/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43288/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43288/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3758-81 MS	S-18 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3758-81 MSD	S-18 (1-1.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 43315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-101	H-18	Total/NA	Solid	8015B NM	43343
890-3758-102	H-19	Total/NA	Solid	8015B NM	43343
MB 880-43343/1-A	Method Blank	Total/NA	Solid	8015B NM	43343
LCS 880-43343/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43343
LCSD 880-43343/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43343
890-3758-101 MS	H-18	Total/NA	Solid	8015B NM	43343
890-3758-101 MSD	H-18	Total/NA	Solid	8015B NM	43343

Analysis Batch: 43317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-1	S-1 (0-1)	Total/NA	Solid	8015B NM	43252
890-3758-2	S-1 (1-1.5)	Total/NA	Solid	8015B NM	43252
890-3758-3	S-1 (2-2.5)	Total/NA	Solid	8015B NM	43252
890-3758-4	S-1 (3-3.5)	Total/NA	Solid	8015B NM	43252
890-3758-5	S-1 (4-4.5)	Total/NA	Solid	8015B NM	43252
890-3758-6	S-2 (0-1)	Total/NA	Solid	8015B NM	43252
890-3758-7	S-2 (1-1.5)	Total/NA	Solid	8015B NM	43252
890-3758-8	S-2 (2-2.5)	Total/NA	Solid	8015B NM	43252

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC Semi VOA (Continued)

Analysis Batch: 43317 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-9	S-2 (3-3.5)	Total/NA	Solid	8015B NM	43252
890-3758-10	S-2 (4-4.5)	Total/NA	Solid	8015B NM	43252
890-3758-11	S-3 (0-1)	Total/NA	Solid	8015B NM	43252
890-3758-12	S-3 (1-1.5)	Total/NA	Solid	8015B NM	43252
890-3758-13	S-3 (2-2.5)	Total/NA	Solid	8015B NM	43252
890-3758-14	S-3 (3-3.5)	Total/NA	Solid	8015B NM	43252
890-3758-15	S-3 (4-4.5)	Total/NA	Solid	8015B NM	43252
890-3758-16	S-4 (0-1)	Total/NA	Solid	8015B NM	43252
890-3758-17	S-4 (1-1.5)	Total/NA	Solid	8015B NM	43252
890-3758-18	S-4 (2-2.5)	Total/NA	Solid	8015B NM	43252
890-3758-19	S-4 (3-3.5)	Total/NA	Solid	8015B NM	43252
890-3758-20	S-4 (4-4.5)	Total/NA	Solid	8015B NM	43252
MB 880-43252/1-A	Method Blank	Total/NA	Solid	8015B NM	43252
LCS 880-43252/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43252
LCSD 880-43252/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43252
890-3758-1 MS	S-1 (0-1)	Total/NA	Solid	8015B NM	43252
890-3758-1 MSD	S-1 (0-1)	Total/NA	Solid	8015B NM	43252

Prep Batch: 43343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-101	H-18	Total/NA	Solid	8015NM Prep	
890-3758-102	H-19	Total/NA	Solid	8015NM Prep	
MB 880-43343/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43343/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43343/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3758-101 MS	H-18	Total/NA	Solid	8015NM Prep	
890-3758-101 MSD	H-18	Total/NA	Solid	8015NM Prep	

Analysis Batch: 43443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-1	S-1 (0-1)	Total/NA	Solid	8015 NM	
890-3758-2	S-1 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-3	S-1 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-4	S-1 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-5	S-1 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-6	S-2 (0-1)	Total/NA	Solid	8015 NM	
890-3758-7	S-2 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-8	S-2 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-9	S-2 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-10	S-2 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-11	S-3 (0-1)	Total/NA	Solid	8015 NM	
890-3758-12	S-3 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-13	S-3 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-14	S-3 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-15	S-3 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-16	S-4 (0-1)	Total/NA	Solid	8015 NM	
890-3758-17	S-4 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-18	S-4 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-19	S-4 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-20	S-4 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-21	S-5 (0-1)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC Semi VOA (Continued)

Analysis Batch: 43443 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-22	S-5 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-23	S-5 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-24	S-5 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-25	S-5 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-26	S-6 (0-1)	Total/NA	Solid	8015 NM	
890-3758-27	S-6 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-28	S-6 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-29	S-6 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-30	S-6 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-31	S-7 (0-1)	Total/NA	Solid	8015 NM	
890-3758-32	S-7 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-33	S-7 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-34	S-7 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-35	S-7 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-36	S-8 (0-1)	Total/NA	Solid	8015 NM	
890-3758-37	S-8 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-38	S-8 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-39	S-8 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-40	S-8 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-41	S-9 (0-1)	Total/NA	Solid	8015 NM	
890-3758-42	S-9 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-43	S-9 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-44	S-10 (0-1)	Total/NA	Solid	8015 NM	
890-3758-45	S-10 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-46	S-10 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-47	S-10 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-48	S-10 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-49	S-11 (0-1)	Total/NA	Solid	8015 NM	
890-3758-50	S-11 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-51	S-11 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-52	S-11 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-53	S-11 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-54	S-12 (0-1)	Total/NA	Solid	8015 NM	
890-3758-55	S-12 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-56	S-12 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-57	S-12 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-58	S-12 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-59	S-13 (0-1)	Total/NA	Solid	8015 NM	
890-3758-60	S-13 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-61	S-13 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-62	S-13 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-63	S-13 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-64	S-14 (0-1)	Total/NA	Solid	8015 NM	
890-3758-65	S-14 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-66	S-14 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-67	S-14 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-68	S-14 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-69	S-15 (0-1)	Total/NA	Solid	8015 NM	
890-3758-70	S-15 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-71	S-15 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-72	S-15 (3-3.5)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC Semi VOA (Continued)

Analysis Batch: 43443 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-73	S-16 (0-1)	Total/NA	Solid	8015 NM	
890-3758-74	S-16 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-75	S-17 (0-1)	Total/NA	Solid	8015 NM	
890-3758-76	S-17 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-77	S-17 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-78	S-17 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-79	S-17 (4-4.5)	Total/NA	Solid	8015 NM	
890-3758-80	S-18 (0-1)	Total/NA	Solid	8015 NM	
890-3758-81	S-18 (1-1.5)	Total/NA	Solid	8015 NM	
890-3758-82	S-18 (2-2.5)	Total/NA	Solid	8015 NM	
890-3758-83	S-18 (3-3.5)	Total/NA	Solid	8015 NM	
890-3758-84	H-1	Total/NA	Solid	8015 NM	
890-3758-85	H-2	Total/NA	Solid	8015 NM	
890-3758-86	H-3	Total/NA	Solid	8015 NM	
890-3758-87	H-4	Total/NA	Solid	8015 NM	
890-3758-88	H-5	Total/NA	Solid	8015 NM	
890-3758-89	H-6	Total/NA	Solid	8015 NM	
890-3758-90	H-7	Total/NA	Solid	8015 NM	
890-3758-91	H-8	Total/NA	Solid	8015 NM	
890-3758-92	H-9	Total/NA	Solid	8015 NM	
890-3758-93	H-10	Total/NA	Solid	8015 NM	
890-3758-94	H-11	Total/NA	Solid	8015 NM	
890-3758-95	H-12	Total/NA	Solid	8015 NM	
890-3758-96	H-13	Total/NA	Solid	8015 NM	
890-3758-97	H-14	Total/NA	Solid	8015 NM	
890-3758-98	H-15	Total/NA	Solid	8015 NM	
890-3758-99	H-16	Total/NA	Solid	8015 NM	
890-3758-100	H-17	Total/NA	Solid	8015 NM	
890-3758-101	H-18	Total/NA	Solid	8015 NM	
890-3758-102	H-19	Total/NA	Solid	8015 NM	

Analysis Batch: 43452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-81	S-18 (1-1.5)	Total/NA	Solid	8015B NM	43288
890-3758-82	S-18 (2-2.5)	Total/NA	Solid	8015B NM	43288
890-3758-83	S-18 (3-3.5)	Total/NA	Solid	8015B NM	43288
890-3758-84	H-1	Total/NA	Solid	8015B NM	43288
890-3758-85	H-2	Total/NA	Solid	8015B NM	43288
890-3758-86	H-3	Total/NA	Solid	8015B NM	43288
890-3758-87	H-4	Total/NA	Solid	8015B NM	43288
890-3758-88	H-5	Total/NA	Solid	8015B NM	43288
890-3758-89	H-6	Total/NA	Solid	8015B NM	43288
890-3758-90	H-7	Total/NA	Solid	8015B NM	43288
890-3758-91	H-8	Total/NA	Solid	8015B NM	43288
890-3758-92	H-9	Total/NA	Solid	8015B NM	43288
890-3758-93	H-10	Total/NA	Solid	8015B NM	43288
890-3758-94	H-11	Total/NA	Solid	8015B NM	43288
890-3758-95	H-12	Total/NA	Solid	8015B NM	43288
890-3758-96	H-13	Total/NA	Solid	8015B NM	43288
890-3758-97	H-14	Total/NA	Solid	8015B NM	43288
890-3758-98	H-15	Total/NA	Solid	8015B NM	43288

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC Semi VOA (Continued)

Analysis Batch: 43452 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-99	H-16	Total/NA	Solid	8015B NM	43288
890-3758-100	H-17	Total/NA	Solid	8015B NM	43288
MB 880-43288/1-A	Method Blank	Total/NA	Solid	8015B NM	43288
LCS 880-43288/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43288
LCSD 880-43288/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43288
890-3758-81 MS	S-18 (1-1.5)	Total/NA	Solid	8015B NM	43288
890-3758-81 MSD	S-18 (1-1.5)	Total/NA	Solid	8015B NM	43288

Analysis Batch: 43454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-61	S-13 (2-2.5)	Total/NA	Solid	8015B NM	43287
890-3758-62	S-13 (3-3.5)	Total/NA	Solid	8015B NM	43287
890-3758-63	S-13 (4-4.5)	Total/NA	Solid	8015B NM	43287
890-3758-64	S-14 (0-1)	Total/NA	Solid	8015B NM	43287
890-3758-65	S-14 (1-1.5)	Total/NA	Solid	8015B NM	43287
890-3758-66	S-14 (2-2.5)	Total/NA	Solid	8015B NM	43287
890-3758-67	S-14 (3-3.5)	Total/NA	Solid	8015B NM	43287
890-3758-68	S-14 (4-4.5)	Total/NA	Solid	8015B NM	43287
890-3758-69	S-15 (0-1)	Total/NA	Solid	8015B NM	43287
890-3758-70	S-15 (1-1.5)	Total/NA	Solid	8015B NM	43287
890-3758-71	S-15 (2-2.5)	Total/NA	Solid	8015B NM	43287
890-3758-72	S-15 (3-3.5)	Total/NA	Solid	8015B NM	43287
890-3758-73	S-16 (0-1)	Total/NA	Solid	8015B NM	43287
890-3758-74	S-16 (1-1.5)	Total/NA	Solid	8015B NM	43287
890-3758-75	S-17 (0-1)	Total/NA	Solid	8015B NM	43287
890-3758-76	S-17 (1-1.5)	Total/NA	Solid	8015B NM	43287
890-3758-77	S-17 (2-2.5)	Total/NA	Solid	8015B NM	43287
890-3758-78	S-17 (3-3.5)	Total/NA	Solid	8015B NM	43287
890-3758-79	S-17 (4-4.5)	Total/NA	Solid	8015B NM	43287
890-3758-80	S-18 (0-1)	Total/NA	Solid	8015B NM	43287
MB 880-43287/1-A	Method Blank	Total/NA	Solid	8015B NM	43287
LCS 880-43287/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43287
LCSD 880-43287/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43287
890-3758-61 MS	S-13 (2-2.5)	Total/NA	Solid	8015B NM	43287
890-3758-61 MSD	S-13 (2-2.5)	Total/NA	Solid	8015B NM	43287

Analysis Batch: 43465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-21	S-5 (0-1)	Total/NA	Solid	8015B NM	43268
890-3758-22	S-5 (1-1.5)	Total/NA	Solid	8015B NM	43268
890-3758-23	S-5 (2-2.5)	Total/NA	Solid	8015B NM	43268
890-3758-24	S-5 (3-3.5)	Total/NA	Solid	8015B NM	43268
890-3758-25	S-5 (4-4.5)	Total/NA	Solid	8015B NM	43268
890-3758-26	S-6 (0-1)	Total/NA	Solid	8015B NM	43268
890-3758-27	S-6 (1-1.5)	Total/NA	Solid	8015B NM	43268
890-3758-28	S-6 (2-2.5)	Total/NA	Solid	8015B NM	43268
890-3758-29	S-6 (3-3.5)	Total/NA	Solid	8015B NM	43268
890-3758-30	S-6 (4-4.5)	Total/NA	Solid	8015B NM	43268
890-3758-31	S-7 (0-1)	Total/NA	Solid	8015B NM	43268
890-3758-32	S-7 (1-1.5)	Total/NA	Solid	8015B NM	43268
890-3758-33	S-7 (2-2.5)	Total/NA	Solid	8015B NM	43268

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

GC Semi VOA (Continued)

Analysis Batch: 43465 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-34	S-7 (3-3.5)	Total/NA	Solid	8015B NM	43268
890-3758-35	S-7 (4-4.5)	Total/NA	Solid	8015B NM	43268
890-3758-36	S-8 (0-1)	Total/NA	Solid	8015B NM	43268
890-3758-37	S-8 (1-1.5)	Total/NA	Solid	8015B NM	43268
890-3758-38	S-8 (2-2.5)	Total/NA	Solid	8015B NM	43268
890-3758-39	S-8 (3-3.5)	Total/NA	Solid	8015B NM	43268
890-3758-40	S-8 (4-4.5)	Total/NA	Solid	8015B NM	43268
MB 880-43268/1-A	Method Blank	Total/NA	Solid	8015B NM	43268
LCS 880-43268/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43268
LCSD 880-43268/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43268
890-3758-21 MS	S-5 (0-1)	Total/NA	Solid	8015B NM	43268
890-3758-21 MSD	S-5 (0-1)	Total/NA	Solid	8015B NM	43268

Analysis Batch: 43466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-41	S-9 (0-1)	Total/NA	Solid	8015B NM	43269
890-3758-42	S-9 (1-1.5)	Total/NA	Solid	8015B NM	43269
890-3758-43	S-9 (2-2.5)	Total/NA	Solid	8015B NM	43269
890-3758-44	S-10 (0-1)	Total/NA	Solid	8015B NM	43269
890-3758-45	S-10 (1-1.5)	Total/NA	Solid	8015B NM	43269
890-3758-46	S-10 (2-2.5)	Total/NA	Solid	8015B NM	43269
890-3758-47	S-10 (3-3.5)	Total/NA	Solid	8015B NM	43269
890-3758-48	S-10 (4-4.5)	Total/NA	Solid	8015B NM	43269
890-3758-49	S-11 (0-1)	Total/NA	Solid	8015B NM	43269
890-3758-50	S-11 (1-1.5)	Total/NA	Solid	8015B NM	43269
890-3758-51	S-11 (2-2.5)	Total/NA	Solid	8015B NM	43269
890-3758-52	S-11 (3-3.5)	Total/NA	Solid	8015B NM	43269
890-3758-53	S-11 (4-4.5)	Total/NA	Solid	8015B NM	43269
890-3758-54	S-12 (0-1)	Total/NA	Solid	8015B NM	43269
890-3758-55	S-12 (1-1.5)	Total/NA	Solid	8015B NM	43269
890-3758-56	S-12 (2-2.5)	Total/NA	Solid	8015B NM	43269
890-3758-57	S-12 (3-3.5)	Total/NA	Solid	8015B NM	43269
890-3758-58	S-12 (4-4.5)	Total/NA	Solid	8015B NM	43269
890-3758-59	S-13 (0-1)	Total/NA	Solid	8015B NM	43269
890-3758-60	S-13 (1-1.5)	Total/NA	Solid	8015B NM	43269
MB 880-43269/1-A	Method Blank	Total/NA	Solid	8015B NM	43269
LCS 880-43269/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43269
LCSD 880-43269/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43269
890-3758-41 MS	S-9 (0-1)	Total/NA	Solid	8015B NM	43269
890-3758-41 MSD	S-9 (0-1)	Total/NA	Solid	8015B NM	43269

HPLC/IC

Leach Batch: 43103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-101	H-18	Soluble	Solid	DI Leach	
890-3758-102	H-19	Soluble	Solid	DI Leach	
MB 880-43103/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43103/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43103/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-23341-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

HPLC/IC (Continued)

Leach Batch: 43103 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23341-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 43272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-1	S-1 (0-1)	Soluble	Solid	DI Leach	
890-3758-2	S-1 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-3	S-1 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-4	S-1 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-5	S-1 (4-4.5)	Soluble	Solid	DI Leach	
890-3758-6	S-2 (0-1)	Soluble	Solid	DI Leach	
890-3758-7	S-2 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-8	S-2 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-9	S-2 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-10	S-2 (4-4.5)	Soluble	Solid	DI Leach	
890-3758-11	S-3 (0-1)	Soluble	Solid	DI Leach	
890-3758-12	S-3 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-13	S-3 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-14	S-3 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-15	S-3 (4-4.5)	Soluble	Solid	DI Leach	
890-3758-16	S-4 (0-1)	Soluble	Solid	DI Leach	
890-3758-17	S-4 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-18	S-4 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-19	S-4 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-20	S-4 (4-4.5)	Soluble	Solid	DI Leach	
MB 880-43272/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43272/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43272/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3758-1 MS	S-1 (0-1)	Soluble	Solid	DI Leach	
890-3758-1 MSD	S-1 (0-1)	Soluble	Solid	DI Leach	
890-3758-11 MS	S-3 (0-1)	Soluble	Solid	DI Leach	
890-3758-11 MSD	S-3 (0-1)	Soluble	Solid	DI Leach	

Leach Batch: 43273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-21	S-5 (0-1)	Soluble	Solid	DI Leach	
890-3758-22	S-5 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-23	S-5 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-24	S-5 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-25	S-5 (4-4.5)	Soluble	Solid	DI Leach	
890-3758-26	S-6 (0-1)	Soluble	Solid	DI Leach	
890-3758-27	S-6 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-28	S-6 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-29	S-6 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-30	S-6 (4-4.5)	Soluble	Solid	DI Leach	
890-3758-31	S-7 (0-1)	Soluble	Solid	DI Leach	
890-3758-32	S-7 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-33	S-7 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-34	S-7 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-35	S-7 (4-4.5)	Soluble	Solid	DI Leach	
890-3758-36	S-8 (0-1)	Soluble	Solid	DI Leach	
890-3758-37	S-8 (1-1.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

HPLC/IC (Continued)

Leach Batch: 43273 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-38	S-8 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-39	S-8 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-40	S-8 (4-4.5)	Soluble	Solid	DI Leach	
MB 880-43273/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43273/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43273/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3758-21 MS	S-5 (0-1)	Soluble	Solid	DI Leach	
890-3758-21 MSD	S-5 (0-1)	Soluble	Solid	DI Leach	
890-3758-31 MS	S-7 (0-1)	Soluble	Solid	DI Leach	
890-3758-31 MSD	S-7 (0-1)	Soluble	Solid	DI Leach	

Leach Batch: 43274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-41	S-9 (0-1)	Soluble	Solid	DI Leach	
890-3758-42	S-9 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-43	S-9 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-44	S-10 (0-1)	Soluble	Solid	DI Leach	
890-3758-45	S-10 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-46	S-10 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-47	S-10 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-48	S-10 (4-4.5)	Soluble	Solid	DI Leach	
890-3758-49	S-11 (0-1)	Soluble	Solid	DI Leach	
890-3758-50	S-11 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-51	S-11 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-52	S-11 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-53	S-11 (4-4.5)	Soluble	Solid	DI Leach	
890-3758-54	S-12 (0-1)	Soluble	Solid	DI Leach	
890-3758-55	S-12 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-56	S-12 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-57	S-12 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-58	S-12 (4-4.5)	Soluble	Solid	DI Leach	
890-3758-59	S-13 (0-1)	Soluble	Solid	DI Leach	
890-3758-60	S-13 (1-1.5)	Soluble	Solid	DI Leach	
MB 880-43274/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43274/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43274/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3758-41 MS	S-9 (0-1)	Soluble	Solid	DI Leach	
890-3758-41 MSD	S-9 (0-1)	Soluble	Solid	DI Leach	
890-3758-51 MS	S-11 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-51 MSD	S-11 (2-2.5)	Soluble	Solid	DI Leach	

Leach Batch: 43275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-61	S-13 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-62	S-13 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-63	S-13 (4-4.5)	Soluble	Solid	DI Leach	
890-3758-64	S-14 (0-1)	Soluble	Solid	DI Leach	
890-3758-65	S-14 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-66	S-14 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-67	S-14 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-68	S-14 (4-4.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

HPLC/IC (Continued)

Leach Batch: 43275 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-69	S-15 (0-1)	Soluble	Solid	DI Leach	
890-3758-70	S-15 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-71	S-15 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-72	S-15 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-73	S-16 (0-1)	Soluble	Solid	DI Leach	
890-3758-74	S-16 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-75	S-17 (0-1)	Soluble	Solid	DI Leach	
890-3758-76	S-17 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-77	S-17 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-78	S-17 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-79	S-17 (4-4.5)	Soluble	Solid	DI Leach	
890-3758-80	S-18 (0-1)	Soluble	Solid	DI Leach	
MB 880-43275/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43275/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43275/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3758-61 MS	S-13 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-61 MSD	S-13 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-71 MS	S-15 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-71 MSD	S-15 (2-2.5)	Soluble	Solid	DI Leach	

Leach Batch: 43277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-81	S-18 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-82	S-18 (2-2.5)	Soluble	Solid	DI Leach	
890-3758-83	S-18 (3-3.5)	Soluble	Solid	DI Leach	
890-3758-84	H-1	Soluble	Solid	DI Leach	
890-3758-85	H-2	Soluble	Solid	DI Leach	
890-3758-86	H-3	Soluble	Solid	DI Leach	
890-3758-87	H-4	Soluble	Solid	DI Leach	
890-3758-88	H-5	Soluble	Solid	DI Leach	
890-3758-89	H-6	Soluble	Solid	DI Leach	
890-3758-90	H-7	Soluble	Solid	DI Leach	
890-3758-91	H-8	Soluble	Solid	DI Leach	
890-3758-92	H-9	Soluble	Solid	DI Leach	
890-3758-93	H-10	Soluble	Solid	DI Leach	
890-3758-94	H-11	Soluble	Solid	DI Leach	
890-3758-95	H-12	Soluble	Solid	DI Leach	
890-3758-96	H-13	Soluble	Solid	DI Leach	
890-3758-97	H-14	Soluble	Solid	DI Leach	
890-3758-98	H-15	Soluble	Solid	DI Leach	
890-3758-99	H-16	Soluble	Solid	DI Leach	
890-3758-100	H-17	Soluble	Solid	DI Leach	
MB 880-43277/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43277/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43277/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3758-81 MS	S-18 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-81 MSD	S-18 (1-1.5)	Soluble	Solid	DI Leach	
890-3758-91 MS	H-8	Soluble	Solid	DI Leach	
890-3758-91 MSD	H-8	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

HPLC/IC

Analysis Batch: 43312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-101	H-18	Soluble	Solid	300.0	43103
890-3758-102	H-19	Soluble	Solid	300.0	43103
MB 880-43103/1-A	Method Blank	Soluble	Solid	300.0	43103
LCS 880-43103/2-A	Lab Control Sample	Soluble	Solid	300.0	43103
LCSD 880-43103/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43103
880-23341-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	43103
880-23341-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	43103

Analysis Batch: 43415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-1	S-1 (0-1)	Soluble	Solid	300.0	43272
890-3758-2	S-1 (1-1.5)	Soluble	Solid	300.0	43272
890-3758-3	S-1 (2-2.5)	Soluble	Solid	300.0	43272
890-3758-4	S-1 (3-3.5)	Soluble	Solid	300.0	43272
890-3758-5	S-1 (4-4.5)	Soluble	Solid	300.0	43272
890-3758-6	S-2 (0-1)	Soluble	Solid	300.0	43272
890-3758-7	S-2 (1-1.5)	Soluble	Solid	300.0	43272
890-3758-8	S-2 (2-2.5)	Soluble	Solid	300.0	43272
890-3758-9	S-2 (3-3.5)	Soluble	Solid	300.0	43272
890-3758-10	S-2 (4-4.5)	Soluble	Solid	300.0	43272
890-3758-11	S-3 (0-1)	Soluble	Solid	300.0	43272
890-3758-12	S-3 (1-1.5)	Soluble	Solid	300.0	43272
890-3758-13	S-3 (2-2.5)	Soluble	Solid	300.0	43272
890-3758-14	S-3 (3-3.5)	Soluble	Solid	300.0	43272
890-3758-15	S-3 (4-4.5)	Soluble	Solid	300.0	43272
890-3758-16	S-4 (0-1)	Soluble	Solid	300.0	43272
890-3758-17	S-4 (1-1.5)	Soluble	Solid	300.0	43272
890-3758-18	S-4 (2-2.5)	Soluble	Solid	300.0	43272
890-3758-19	S-4 (3-3.5)	Soluble	Solid	300.0	43272
890-3758-20	S-4 (4-4.5)	Soluble	Solid	300.0	43272
MB 880-43272/1-A	Method Blank	Soluble	Solid	300.0	43272
LCS 880-43272/2-A	Lab Control Sample	Soluble	Solid	300.0	43272
LCSD 880-43272/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43272
890-3758-1 MS	S-1 (0-1)	Soluble	Solid	300.0	43272
890-3758-1 MSD	S-1 (0-1)	Soluble	Solid	300.0	43272
890-3758-11 MS	S-3 (0-1)	Soluble	Solid	300.0	43272
890-3758-11 MSD	S-3 (0-1)	Soluble	Solid	300.0	43272

Analysis Batch: 43419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-41	S-9 (0-1)	Soluble	Solid	300.0	43274
890-3758-42	S-9 (1-1.5)	Soluble	Solid	300.0	43274
890-3758-43	S-9 (2-2.5)	Soluble	Solid	300.0	43274
890-3758-44	S-10 (0-1)	Soluble	Solid	300.0	43274
890-3758-45	S-10 (1-1.5)	Soluble	Solid	300.0	43274
890-3758-46	S-10 (2-2.5)	Soluble	Solid	300.0	43274
890-3758-47	S-10 (3-3.5)	Soluble	Solid	300.0	43274
890-3758-48	S-10 (4-4.5)	Soluble	Solid	300.0	43274
890-3758-49	S-11 (0-1)	Soluble	Solid	300.0	43274
890-3758-50	S-11 (1-1.5)	Soluble	Solid	300.0	43274
890-3758-51	S-11 (2-2.5)	Soluble	Solid	300.0	43274

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

HPLC/IC (Continued)

Analysis Batch: 43419 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-52	S-11 (3-3.5)	Soluble	Solid	300.0	43274
890-3758-53	S-11 (4-4.5)	Soluble	Solid	300.0	43274
890-3758-54	S-12 (0-1)	Soluble	Solid	300.0	43274
890-3758-55	S-12 (1-1.5)	Soluble	Solid	300.0	43274
890-3758-56	S-12 (2-2.5)	Soluble	Solid	300.0	43274
890-3758-57	S-12 (3-3.5)	Soluble	Solid	300.0	43274
890-3758-58	S-12 (4-4.5)	Soluble	Solid	300.0	43274
890-3758-59	S-13 (0-1)	Soluble	Solid	300.0	43274
890-3758-60	S-13 (1-1.5)	Soluble	Solid	300.0	43274
MB 880-43274/1-A	Method Blank	Soluble	Solid	300.0	43274
LCS 880-43274/2-A	Lab Control Sample	Soluble	Solid	300.0	43274
LCSD 880-43274/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43274
890-3758-41 MS	S-9 (0-1)	Soluble	Solid	300.0	43274
890-3758-41 MSD	S-9 (0-1)	Soluble	Solid	300.0	43274
890-3758-51 MS	S-11 (2-2.5)	Soluble	Solid	300.0	43274
890-3758-51 MSD	S-11 (2-2.5)	Soluble	Solid	300.0	43274

Analysis Batch: 43438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-21	S-5 (0-1)	Soluble	Solid	300.0	43273
890-3758-22	S-5 (1-1.5)	Soluble	Solid	300.0	43273
890-3758-23	S-5 (2-2.5)	Soluble	Solid	300.0	43273
890-3758-24	S-5 (3-3.5)	Soluble	Solid	300.0	43273
890-3758-25	S-5 (4-4.5)	Soluble	Solid	300.0	43273
890-3758-26	S-6 (0-1)	Soluble	Solid	300.0	43273
890-3758-27	S-6 (1-1.5)	Soluble	Solid	300.0	43273
890-3758-28	S-6 (2-2.5)	Soluble	Solid	300.0	43273
890-3758-29	S-6 (3-3.5)	Soluble	Solid	300.0	43273
890-3758-30	S-6 (4-4.5)	Soluble	Solid	300.0	43273
890-3758-31	S-7 (0-1)	Soluble	Solid	300.0	43273
890-3758-32	S-7 (1-1.5)	Soluble	Solid	300.0	43273
890-3758-33	S-7 (2-2.5)	Soluble	Solid	300.0	43273
890-3758-34	S-7 (3-3.5)	Soluble	Solid	300.0	43273
890-3758-35	S-7 (4-4.5)	Soluble	Solid	300.0	43273
890-3758-36	S-8 (0-1)	Soluble	Solid	300.0	43273
890-3758-37	S-8 (1-1.5)	Soluble	Solid	300.0	43273
890-3758-38	S-8 (2-2.5)	Soluble	Solid	300.0	43273
890-3758-39	S-8 (3-3.5)	Soluble	Solid	300.0	43273
890-3758-40	S-8 (4-4.5)	Soluble	Solid	300.0	43273
MB 880-43273/1-A	Method Blank	Soluble	Solid	300.0	43273
LCS 880-43273/2-A	Lab Control Sample	Soluble	Solid	300.0	43273
LCSD 880-43273/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43273
890-3758-21 MS	S-5 (0-1)	Soluble	Solid	300.0	43273
890-3758-21 MSD	S-5 (0-1)	Soluble	Solid	300.0	43273
890-3758-31 MS	S-7 (0-1)	Soluble	Solid	300.0	43273
890-3758-31 MSD	S-7 (0-1)	Soluble	Solid	300.0	43273

Analysis Batch: 43440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-61	S-13 (2-2.5)	Soluble	Solid	300.0	43275
890-3758-62	S-13 (3-3.5)	Soluble	Solid	300.0	43275

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

HPLC/IC (Continued)

Analysis Batch: 43440 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-63	S-13 (4-4.5)	Soluble	Solid	300.0	43275
890-3758-64	S-14 (0-1)	Soluble	Solid	300.0	43275
890-3758-65	S-14 (1-1.5)	Soluble	Solid	300.0	43275
890-3758-66	S-14 (2-2.5)	Soluble	Solid	300.0	43275
890-3758-67	S-14 (3-3.5)	Soluble	Solid	300.0	43275
890-3758-68	S-14 (4-4.5)	Soluble	Solid	300.0	43275
890-3758-69	S-15 (0-1)	Soluble	Solid	300.0	43275
890-3758-70	S-15 (1-1.5)	Soluble	Solid	300.0	43275
890-3758-71	S-15 (2-2.5)	Soluble	Solid	300.0	43275
890-3758-72	S-15 (3-3.5)	Soluble	Solid	300.0	43275
890-3758-73	S-16 (0-1)	Soluble	Solid	300.0	43275
890-3758-74	S-16 (1-1.5)	Soluble	Solid	300.0	43275
890-3758-75	S-17 (0-1)	Soluble	Solid	300.0	43275
890-3758-76	S-17 (1-1.5)	Soluble	Solid	300.0	43275
890-3758-77	S-17 (2-2.5)	Soluble	Solid	300.0	43275
890-3758-78	S-17 (3-3.5)	Soluble	Solid	300.0	43275
890-3758-79	S-17 (4-4.5)	Soluble	Solid	300.0	43275
890-3758-80	S-18 (0-1)	Soluble	Solid	300.0	43275
MB 880-43275/1-A	Method Blank	Soluble	Solid	300.0	43275
LCS 880-43275/2-A	Lab Control Sample	Soluble	Solid	300.0	43275
LCSD 880-43275/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43275
890-3758-61 MS	S-13 (2-2.5)	Soluble	Solid	300.0	43275
890-3758-61 MSD	S-13 (2-2.5)	Soluble	Solid	300.0	43275
890-3758-71 MS	S-15 (2-2.5)	Soluble	Solid	300.0	43275
890-3758-71 MSD	S-15 (2-2.5)	Soluble	Solid	300.0	43275

Analysis Batch: 43441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-81	S-18 (1-1.5)	Soluble	Solid	300.0	43277
890-3758-82	S-18 (2-2.5)	Soluble	Solid	300.0	43277
890-3758-83	S-18 (3-3.5)	Soluble	Solid	300.0	43277
890-3758-84	H-1	Soluble	Solid	300.0	43277
890-3758-85	H-2	Soluble	Solid	300.0	43277
890-3758-86	H-3	Soluble	Solid	300.0	43277
890-3758-87	H-4	Soluble	Solid	300.0	43277
890-3758-88	H-5	Soluble	Solid	300.0	43277
890-3758-89	H-6	Soluble	Solid	300.0	43277
890-3758-90	H-7	Soluble	Solid	300.0	43277
890-3758-91	H-8	Soluble	Solid	300.0	43277
890-3758-92	H-9	Soluble	Solid	300.0	43277
890-3758-93	H-10	Soluble	Solid	300.0	43277
890-3758-94	H-11	Soluble	Solid	300.0	43277
890-3758-95	H-12	Soluble	Solid	300.0	43277
890-3758-96	H-13	Soluble	Solid	300.0	43277
890-3758-97	H-14	Soluble	Solid	300.0	43277
890-3758-98	H-15	Soluble	Solid	300.0	43277
890-3758-99	H-16	Soluble	Solid	300.0	43277
890-3758-100	H-17	Soluble	Solid	300.0	43277
MB 880-43277/1-A	Method Blank	Soluble	Solid	300.0	43277
LCS 880-43277/2-A	Lab Control Sample	Soluble	Solid	300.0	43277
LCSD 880-43277/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43277

QC Association Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

HPLC/IC (Continued)

Analysis Batch: 43441 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3758-81 MS	S-18 (1-1.5)	Soluble	Solid	300.0	43277
890-3758-81 MSD	S-18 (1-1.5)	Soluble	Solid	300.0	43277
890-3758-91 MS	H-8	Soluble	Solid	300.0	43277
890-3758-91 MSD	H-8	Soluble	Solid	300.0	43277

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-1 (0-1)

Lab Sample ID: 890-3758-1
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 11:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/06/23 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 11:29	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		1			43415	01/09/23 10:19	CH	EET MID

Client Sample ID: S-1 (1-1.5)

Lab Sample ID: 890-3758-2
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 12:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/06/23 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 12:35	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		1			43415	01/09/23 10:24	CH	EET MID

Client Sample ID: S-1 (2-2.5)

Lab Sample ID: 890-3758-3
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 12:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/06/23 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 12:56	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		1			43415	01/08/23 13:49	CH	EET MID

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 890-3758-4
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 13:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/06/23 17:13	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 890-3758-4
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 13:18	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		1			43415	01/08/23 13:54	CH	EET MID

Client Sample ID: S-1 (4-4.5)

Lab Sample ID: 890-3758-5
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 13:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/06/23 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 13:40	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		1			43415	01/08/23 13:59	CH	EET MID

Client Sample ID: S-2 (0-1)

Lab Sample ID: 890-3758-6
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 14:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/06/23 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 14:02	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		10			43415	01/08/23 14:14	CH	EET MID

Client Sample ID: S-2 (1-1.5)

Lab Sample ID: 890-3758-7
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 14:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/06/23 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 14:23	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-2 (1-1.5)

Lab Sample ID: 890-3758-7
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		10			43415	01/08/23 14:19	CH	EET MID

Client Sample ID: S-2 (2-2.5)

Lab Sample ID: 890-3758-8
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 14:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/06/23 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 14:45	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		10			43415	01/08/23 14:24	CH	EET MID

Client Sample ID: S-2 (3-3.5)

Lab Sample ID: 890-3758-9
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 15:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/06/23 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 15:06	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		10			43415	01/08/23 14:29	CH	EET MID

Client Sample ID: S-2 (4-4.5)

Lab Sample ID: 890-3758-10
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 15:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/06/23 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 15:28	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		5			43415	01/08/23 14:34	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-3 (0-1)

Lab Sample ID: 890-3758-11
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 16:11	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		1			43415	01/08/23 14:39	CH	EET MID

Client Sample ID: S-3 (1-1.5)

Lab Sample ID: 890-3758-12
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 17:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 16:33	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		1			43415	01/09/23 10:29	CH	EET MID

Client Sample ID: S-3 (2-2.5)

Lab Sample ID: 890-3758-13
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 16:54	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		1			43415	01/08/23 14:59	CH	EET MID

Client Sample ID: S-3 (3-3.5)

Lab Sample ID: 890-3758-14
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 18:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-3 (3-3.5)

Lab Sample ID: 890-3758-14
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 17:16	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		1			43415	01/08/23 15:13	CH	EET MID

Client Sample ID: S-3 (4-4.5)

Lab Sample ID: 890-3758-15
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 17:38	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		1			43415	01/08/23 15:18	CH	EET MID

Client Sample ID: S-4 (0-1)

Lab Sample ID: 890-3758-16
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 19:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 17:59	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		10			43415	01/08/23 15:23	CH	EET MID

Client Sample ID: S-4 (1-1.5)

Lab Sample ID: 890-3758-17
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 20:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 18:21	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-4 (1-1.5)

Lab Sample ID: 890-3758-17
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		1			43415	01/08/23 15:28	CH	EET MID

Client Sample ID: S-4 (2-2.5)

Lab Sample ID: 890-3758-18
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 20:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 18:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		10			43415	01/08/23 15:33	CH	EET MID

Client Sample ID: S-4 (3-3.5)

Lab Sample ID: 890-3758-19
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 20:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 19:04	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		20			43415	01/08/23 15:38	CH	EET MID

Client Sample ID: S-4 (4-4.5)

Lab Sample ID: 890-3758-20
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43341	01/06/23 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/06/23 21:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43252	01/05/23 11:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43317	01/06/23 19:25	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	43272	01/05/23 13:50	KS	EET MID
Soluble	Analysis	300.0		10			43415	01/08/23 15:43	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-5 (0-1)

Lab Sample ID: 890-3758-21
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 01:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 11:17	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 16:23	CH	EET MID

Client Sample ID: S-5 (1-1.5)

Lab Sample ID: 890-3758-22
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 01:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 12:23	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 16:38	CH	EET MID

Client Sample ID: S-5 (2-2.5)

Lab Sample ID: 890-3758-23
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 02:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 12:45	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 16:43	CH	EET MID

Client Sample ID: S-5 (3-3.5)

Lab Sample ID: 890-3758-24
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 02:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-5 (3-3.5)

Lab Sample ID: 890-3758-24
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 13:07	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 16:48	CH	EET MID

Client Sample ID: S-5 (4-4.5)

Lab Sample ID: 890-3758-25
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 02:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 13:29	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 16:53	CH	EET MID

Client Sample ID: S-6 (0-1)

Lab Sample ID: 890-3758-26
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 03:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 13:51	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		10			43438	01/08/23 17:07	CH	EET MID

Client Sample ID: S-6 (1-1.5)

Lab Sample ID: 890-3758-27
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 03:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 14:13	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-6 (1-1.5)

Lab Sample ID: 890-3758-27
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 17:12	CH	EET MID

Client Sample ID: S-6 (2-2.5)

Lab Sample ID: 890-3758-28
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 04:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 14:35	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 17:17	CH	EET MID

Client Sample ID: S-6 (3-3.5)

Lab Sample ID: 890-3758-29
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 04:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 14:57	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 17:22	CH	EET MID

Client Sample ID: S-6 (4-4.5)

Lab Sample ID: 890-3758-30
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 05:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 15:19	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 17:27	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-7 (0-1)

Lab Sample ID: 890-3758-31
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 06:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 16:06	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 17:32	CH	EET MID

Client Sample ID: S-7 (1-1.5)

Lab Sample ID: 890-3758-32
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 07:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 16:28	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 17:47	CH	EET MID

Client Sample ID: S-7 (2-2.5)

Lab Sample ID: 890-3758-33
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 07:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 16:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 17:52	CH	EET MID

Client Sample ID: S-7 (3-3.5)

Lab Sample ID: 890-3758-34
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 08:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-7 (3-3.5)

Lab Sample ID: 890-3758-34
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 17:12	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 18:07	CH	EET MID

Client Sample ID: S-7 (4-4.5)

Lab Sample ID: 890-3758-35
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 08:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 17:34	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 18:12	CH	EET MID

Client Sample ID: S-8 (0-1)

Lab Sample ID: 890-3758-36
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 09:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 17:56	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 18:17	CH	EET MID

Client Sample ID: S-8 (1-1.5)

Lab Sample ID: 890-3758-37
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 09:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 18:18	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-8 (1-1.5)

Lab Sample ID: 890-3758-37
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 18:22	CH	EET MID

Client Sample ID: S-8 (2-2.5)

Lab Sample ID: 890-3758-38
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 09:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 18:40	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 18:27	CH	EET MID

Client Sample ID: S-8 (3-3.5)

Lab Sample ID: 890-3758-39
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 10:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 19:02	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 18:31	CH	EET MID

Client Sample ID: S-8 (4-4.5)

Lab Sample ID: 890-3758-40
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43344	01/06/23 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 10:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43268	01/05/23 13:15	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43465	01/09/23 19:25	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43273	01/05/23 13:51	KS	EET MID
Soluble	Analysis	300.0		1			43438	01/08/23 18:36	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-9 (0-1)

Lab Sample ID: 890-3758-41
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 14:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 11:17	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		20			43419	01/09/23 09:54	CH	EET MID

Client Sample ID: S-9 (1-1.5)

Lab Sample ID: 890-3758-42
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 15:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 12:23	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		50			43419	01/08/23 19:31	CH	EET MID

Client Sample ID: S-9 (2-2.5)

Lab Sample ID: 890-3758-43
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 15:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 12:45	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		20			43419	01/08/23 19:36	CH	EET MID

Client Sample ID: S-10 (0-1)

Lab Sample ID: 890-3758-44
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 16:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-10 (0-1)

Lab Sample ID: 890-3758-44
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 13:07	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 19:41	CH	EET MID

Client Sample ID: S-10 (1-1.5)

Lab Sample ID: 890-3758-45
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 16:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 13:29	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 19:46	CH	EET MID

Client Sample ID: S-10 (2-2.5)

Lab Sample ID: 890-3758-46
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 13:51	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 20:01	CH	EET MID

Client Sample ID: S-10 (3-3.5)

Lab Sample ID: 890-3758-47
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 17:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 14:13	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-10 (3-3.5)

Lab Sample ID: 890-3758-47
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 20:06	CH	EET MID

Client Sample ID: S-10 (4-4.5)

Lab Sample ID: 890-3758-48
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 17:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 14:35	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 20:11	CH	EET MID

Client Sample ID: S-11 (0-1)

Lab Sample ID: 890-3758-49
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 14:57	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 20:16	CH	EET MID

Client Sample ID: S-11 (1-1.5)

Lab Sample ID: 890-3758-50
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 18:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 15:19	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 20:21	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-11 (2-2.5)

Lab Sample ID: 890-3758-51
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 20:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 16:06	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 20:26	CH	EET MID

Client Sample ID: S-11 (3-3.5)

Lab Sample ID: 890-3758-52
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 20:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 16:28	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 20:41	CH	EET MID

Client Sample ID: S-11 (4-4.5)

Lab Sample ID: 890-3758-53
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 21:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 16:49	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 20:46	CH	EET MID

Client Sample ID: S-12 (0-1)

Lab Sample ID: 890-3758-54
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 21:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-12 (0-1)

Lab Sample ID: 890-3758-54
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 17:12	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 21:00	CH	EET MID

Client Sample ID: S-12 (1-1.5)

Lab Sample ID: 890-3758-55
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 22:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 17:34	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 21:05	CH	EET MID

Client Sample ID: S-12 (2-2.5)

Lab Sample ID: 890-3758-56
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 22:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 17:56	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 21:10	CH	EET MID

Client Sample ID: S-12 (3-3.5)

Lab Sample ID: 890-3758-57
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 22:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 18:18	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-12 (3-3.5)

Lab Sample ID: 890-3758-57
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 21:15	CH	EET MID

Client Sample ID: S-12 (4-4.5)

Lab Sample ID: 890-3758-58
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 23:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 18:40	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			43419	01/08/23 21:20	CH	EET MID

Client Sample ID: S-13 (0-1)

Lab Sample ID: 890-3758-59
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/07/23 23:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 19:02	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		5			43419	01/08/23 21:25	CH	EET MID

Client Sample ID: S-13 (1-1.5)

Lab Sample ID: 890-3758-60
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43345	01/06/23 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43328	01/08/23 00:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/10/23 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43269	01/05/23 13:18	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43466	01/09/23 19:25	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43274	01/05/23 13:53	KS	EET MID
Soluble	Analysis	300.0		20			43419	01/08/23 21:30	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-13 (2-2.5)

Lab Sample ID: 890-3758-61
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 12:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 11:40	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		10			43440	01/08/23 22:10	CH	EET MID

Client Sample ID: S-13 (3-3.5)

Lab Sample ID: 890-3758-62
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 12:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 12:46	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		10			43440	01/08/23 22:25	CH	EET MID

Client Sample ID: S-13 (4-4.5)

Lab Sample ID: 890-3758-63
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 13:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 13:09	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		10			43440	01/08/23 22:30	CH	EET MID

Client Sample ID: S-14 (0-1)

Lab Sample ID: 890-3758-64
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 15:24	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-14 (0-1)

Lab Sample ID: 890-3758-64
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 13:30	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		1			43440	01/08/23 22:35	CH	EET MID

Client Sample ID: S-14 (1-1.5)

Lab Sample ID: 890-3758-65
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 14:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 15:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 13:52	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		1			43440	01/08/23 22:40	CH	EET MID

Client Sample ID: S-14 (2-2.5)

Lab Sample ID: 890-3758-66
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 14:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 15:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 14:13	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		1			43440	01/08/23 22:54	CH	EET MID

Client Sample ID: S-14 (3-3.5)

Lab Sample ID: 890-3758-67
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 15:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 16:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 14:35	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-14 (3-3.5)

Lab Sample ID: 890-3758-67
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		1			43440	01/08/23 22:59	CH	EET MID

Client Sample ID: S-14 (4-4.5)

Lab Sample ID: 890-3758-68
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 15:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 14:57	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		1			43440	01/08/23 23:04	CH	EET MID

Client Sample ID: S-15 (0-1)

Lab Sample ID: 890-3758-69
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 16:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 15:19	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		1			43440	01/08/23 23:09	CH	EET MID

Client Sample ID: S-15 (1-1.5)

Lab Sample ID: 890-3758-70
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 16:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 15:40	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		1			43440	01/08/23 23:14	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-15 (2-2.5)

Lab Sample ID: 890-3758-71
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 18:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 16:23	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		1			43440	01/08/23 23:19	CH	EET MID

Client Sample ID: S-15 (3-3.5)

Lab Sample ID: 890-3758-72
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 18:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 16:45	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		1			43440	01/08/23 23:34	CH	EET MID

Client Sample ID: S-16 (0-1)

Lab Sample ID: 890-3758-73
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 17:06	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		1			43440	01/08/23 23:39	CH	EET MID

Client Sample ID: S-16 (1-1.5)

Lab Sample ID: 890-3758-74
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 19:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:55	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-16 (1-1.5)

Lab Sample ID: 890-3758-74
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 17:59	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		1			43440	01/08/23 23:54	CH	EET MID

Client Sample ID: S-17 (0-1)

Lab Sample ID: 890-3758-75
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 20:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 18:26	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		1			43440	01/08/23 23:59	CH	EET MID

Client Sample ID: S-17 (1-1.5)

Lab Sample ID: 890-3758-76
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 20:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 19:10	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		5			43440	01/09/23 00:04	CH	EET MID

Client Sample ID: S-17 (2-2.5)

Lab Sample ID: 890-3758-77
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 20:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 19:31	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-17 (2-2.5)

Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		10			43440	01/09/23 00:09	CH	EET MID

Client Sample ID: S-17 (3-3.5)

Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-78
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 21:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 19:53	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		10			43440	01/09/23 00:14	CH	EET MID

Client Sample ID: S-17 (4-4.5)

Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-79
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 21:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 20:15	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		1			43440	01/09/23 00:19	CH	EET MID

Client Sample ID: S-18 (0-1)

Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-80
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43282	01/05/23 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43468	01/09/23 22:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43287	01/05/23 14:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43454	01/07/23 20:36	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43275	01/05/23 13:54	KS	EET MID
Soluble	Analysis	300.0		5			43440	01/09/23 00:23	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: S-18 (1-1.5)

Lab Sample ID: 890-3758-81
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 02:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 11:40	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		10			43441	01/09/23 01:04	CH	EET MID

Client Sample ID: S-18 (2-2.5)

Lab Sample ID: 890-3758-82
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 02:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 12:46	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		20			43441	01/09/23 01:18	CH	EET MID

Client Sample ID: S-18 (3-3.5)

Lab Sample ID: 890-3758-83
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 02:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 13:09	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		10			43441	01/09/23 01:24	CH	EET MID

Client Sample ID: H-1

Lab Sample ID: 890-3758-84
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 03:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-1

Lab Sample ID: 890-3758-84
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 13:30	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 01:28	CH	EET MID

Client Sample ID: H-2

Lab Sample ID: 890-3758-85
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 03:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 13:52	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 01:33	CH	EET MID

Client Sample ID: H-3

Lab Sample ID: 890-3758-86
Matrix: Solid
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 03:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 14:13	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 01:48	CH	EET MID

Client Sample ID: H-4

Lab Sample ID: 890-3758-87
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 04:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 14:35	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-4

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-87
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 01:53	CH	EET MID

Client Sample ID: H-5

Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-88
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 04:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 14:57	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 01:58	CH	EET MID

Client Sample ID: H-6

Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-89
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 04:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 15:19	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 02:03	CH	EET MID

Client Sample ID: H-7

Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-90
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 05:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 15:40	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 02:08	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-8

Lab Sample ID: 890-3758-91
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 06:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 16:23	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 02:13	CH	EET MID

Client Sample ID: H-9

Lab Sample ID: 890-3758-92
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 07:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 16:45	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 10:53	CH	EET MID

Client Sample ID: H-10

Lab Sample ID: 890-3758-93
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 07:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 17:06	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 10:48	CH	EET MID

Client Sample ID: H-11

Lab Sample ID: 890-3758-94
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 07:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-11

Lab Sample ID: 890-3758-94
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 17:37	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 02:48	CH	EET MID

Client Sample ID: H-12

Lab Sample ID: 890-3758-95
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 08:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 18:48	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 02:53	CH	EET MID

Client Sample ID: H-13

Lab Sample ID: 890-3758-96
Matrix: Solid
Date Collected: 12/30/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 08:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 19:10	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 02:57	CH	EET MID

Client Sample ID: H-14

Lab Sample ID: 890-3758-97
Matrix: Solid
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 08:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 19:31	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-14
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-97
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 03:02	CH	EET MID

Client Sample ID: H-15
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-98
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 09:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 19:53	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 03:07	CH	EET MID

Client Sample ID: H-16
Date Collected: 12/29/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-99
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 09:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 20:15	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 03:12	CH	EET MID

Client Sample ID: H-17
Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-100
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43346	01/06/23 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43378	01/07/23 09:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/09/23 14:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/09/23 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43288	01/05/23 14:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43452	01/07/23 20:36	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	43277	01/05/23 13:55	KS	EET MID
Soluble	Analysis	300.0		1			43441	01/09/23 10:58	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Client Sample ID: H-18

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-101
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	43479	01/09/23 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43471	01/09/23 18:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/06/23 16:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43343	01/06/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43315	01/06/23 11:29	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	43103	01/05/23 17:21	KS	EET MID
Soluble	Analysis	300.0		10			43312	01/07/23 00:22	CH	EET MID

Client Sample ID: H-19

Date Collected: 12/28/22 00:00
Date Received: 01/04/23 09:40

Lab Sample ID: 890-3758-102
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43479	01/09/23 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43471	01/09/23 19:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43447	01/10/23 13:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			43443	01/06/23 16:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43343	01/06/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43315	01/06/23 16:33	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43103	01/05/23 17:21	KS	EET MID
Soluble	Analysis	300.0		5			43312	01/07/23 00:29	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

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	MCAWW	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

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3758-1	S-1 (0-1)	Solid	12/28/22 00:00	01/04/23 09:40	0 - 1
890-3758-2	S-1 (1-1.5)	Solid	12/28/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-3	S-1 (2-2.5)	Solid	12/28/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-4	S-1 (3-3.5)	Solid	12/28/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-5	S-1 (4-4.5)	Solid	12/28/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-6	S-2 (0-1)	Solid	12/28/22 00:00	01/04/23 09:40	0 - 1
890-3758-7	S-2 (1-1.5)	Solid	12/28/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-8	S-2 (2-2.5)	Solid	12/28/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-9	S-2 (3-3.5)	Solid	12/28/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-10	S-2 (4-4.5)	Solid	12/28/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-11	S-3 (0-1)	Solid	12/28/22 00:00	01/04/23 09:40	0 - 1
890-3758-12	S-3 (1-1.5)	Solid	12/28/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-13	S-3 (2-2.5)	Solid	12/28/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-14	S-3 (3-3.5)	Solid	12/28/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-15	S-3 (4-4.5)	Solid	12/28/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-16	S-4 (0-1)	Solid	12/28/22 00:00	01/04/23 09:40	0 - 1
890-3758-17	S-4 (1-1.5)	Solid	12/28/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-18	S-4 (2-2.5)	Solid	12/28/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-19	S-4 (3-3.5)	Solid	12/28/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-20	S-4 (4-4.5)	Solid	12/28/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-21	S-5 (0-1)	Solid	12/28/22 00:00	01/04/23 09:40	0 - 1
890-3758-22	S-5 (1-1.5)	Solid	12/28/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-23	S-5 (2-2.5)	Solid	12/28/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-24	S-5 (3-3.5)	Solid	12/28/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-25	S-5 (4-4.5)	Solid	12/28/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-26	S-6 (0-1)	Solid	12/28/22 00:00	01/04/23 09:40	0 - 1
890-3758-27	S-6 (1-1.5)	Solid	12/28/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-28	S-6 (2-2.5)	Solid	12/28/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-29	S-6 (3-3.5)	Solid	12/28/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-30	S-6 (4-4.5)	Solid	12/28/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-31	S-7 (0-1)	Solid	12/29/22 00:00	01/04/23 09:40	0 - 1
890-3758-32	S-7 (1-1.5)	Solid	12/29/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-33	S-7 (2-2.5)	Solid	12/29/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-34	S-7 (3-3.5)	Solid	12/29/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-35	S-7 (4-4.5)	Solid	12/29/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-36	S-8 (0-1)	Solid	12/29/22 00:00	01/04/23 09:40	0 - 1
890-3758-37	S-8 (1-1.5)	Solid	12/29/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-38	S-8 (2-2.5)	Solid	12/29/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-39	S-8 (3-3.5)	Solid	12/29/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-40	S-8 (4-4.5)	Solid	12/29/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-41	S-9 (0-1)	Solid	12/29/22 00:00	01/04/23 09:40	0 - 1
890-3758-42	S-9 (1-1.5)	Solid	12/29/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-43	S-9 (2-2.5)	Solid	12/29/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-44	S-10 (0-1)	Solid	12/29/22 00:00	01/04/23 09:40	0 - 3.5
890-3758-45	S-10 (1-1.5)	Solid	12/29/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-46	S-10 (2-2.5)	Solid	12/29/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-47	S-10 (3-3.5)	Solid	12/29/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-48	S-10 (4-4.5)	Solid	12/29/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-49	S-11 (0-1)	Solid	12/29/22 00:00	01/04/23 09:40	0 - 1
890-3758-50	S-11 (1-1.5)	Solid	12/29/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-51	S-11 (2-2.5)	Solid	12/29/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-52	S-11 (3-3.5)	Solid	12/29/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-53	S-11 (4-4.5)	Solid	12/29/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-54	S-12 (0-1)	Solid	12/29/22 00:00	01/04/23 09:40	0 - 1

Sample Summary

Client: NT Global
Project/Site: Crazy Horse CTB

Job ID: 890-3758-1
SDG: 226580

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3758-55	S-12 (1-1.5)	Solid	12/29/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-56	S-12 (2-2.5)	Solid	12/29/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-57	S-12 (3-3.5)	Solid	12/29/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-58	S-12 (4-4.5)	Solid	12/29/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-59	S-13 (0-1)	Solid	12/29/22 00:00	01/04/23 09:40	0 - 1
890-3758-60	S-13 (1-1.5)	Solid	12/29/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-61	S-13 (2-2.5)	Solid	12/29/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-62	S-13 (3-3.5)	Solid	12/29/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-63	S-13 (4-4.5)	Solid	12/29/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-64	S-14 (0-1)	Solid	12/30/22 00:00	01/04/23 09:40	0 - 1
890-3758-65	S-14 (1-1.5)	Solid	12/30/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-66	S-14 (2-2.5)	Solid	12/30/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-67	S-14 (3-3.5)	Solid	12/30/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-68	S-14 (4-4.5)	Solid	12/30/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-69	S-15 (0-1)	Solid	12/30/22 00:00	01/04/23 09:40	0 - 1
890-3758-70	S-15 (1-1.5)	Solid	12/30/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-71	S-15 (2-2.5)	Solid	12/30/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-72	S-15 (3-3.5)	Solid	12/30/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-73	S-16 (0-1)	Solid	12/30/22 00:00	01/04/23 09:40	0 - 1
890-3758-74	S-16 (1-1.5)	Solid	12/30/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-75	S-17 (0-1)	Solid	12/30/22 00:00	01/04/23 09:40	0 - 1
890-3758-76	S-17 (1-1.5)	Solid	12/30/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-77	S-17 (2-2.5)	Solid	12/30/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-78	S-17 (3-3.5)	Solid	12/30/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-79	S-17 (4-4.5)	Solid	12/30/22 00:00	01/04/23 09:40	4 - 4.5
890-3758-80	S-18 (0-1)	Solid	12/30/22 00:00	01/04/23 09:40	0 - 1
890-3758-81	S-18 (1-1.5)	Solid	12/30/22 00:00	01/04/23 09:40	1 - 1.5
890-3758-82	S-18 (2-2.5)	Solid	12/30/22 00:00	01/04/23 09:40	2 - 2.5
890-3758-83	S-18 (3-3.5)	Solid	12/30/22 00:00	01/04/23 09:40	3 - 3.5
890-3758-84	H-1	Solid	12/28/22 00:00	01/04/23 09:40	
890-3758-85	H-2	Solid	12/28/22 00:00	01/04/23 09:40	
890-3758-86	H-3	Solid	12/28/22 00:00	01/04/23 09:40	
890-3758-87	H-4	Solid	12/29/22 00:00	01/04/23 09:40	
890-3758-88	H-5	Solid	12/29/22 00:00	01/04/23 09:40	
890-3758-89	H-6	Solid	12/30/22 00:00	01/04/23 09:40	
890-3758-90	H-7	Solid	12/30/22 00:00	01/04/23 09:40	
890-3758-91	H-8	Solid	12/30/22 00:00	01/04/23 09:40	
890-3758-92	H-9	Solid	12/30/22 00:00	01/04/23 09:40	
890-3758-93	H-10	Solid	12/30/22 00:00	01/04/23 09:40	
890-3758-94	H-11	Solid	12/30/22 00:00	01/04/23 09:40	
890-3758-95	H-12	Solid	12/30/22 00:00	01/04/23 09:40	
890-3758-96	H-13	Solid	12/30/22 00:00	01/04/23 09:40	
890-3758-97	H-14	Solid	12/29/22 00:00	01/04/23 09:40	
890-3758-98	H-15	Solid	12/29/22 00:00	01/04/23 09:40	
890-3758-99	H-16	Solid	12/29/22 00:00	01/04/23 09:40	
890-3758-100	H-17	Solid	12/28/22 00:00	01/04/23 09:40	
890-3758-101	H-18	Solid	12/28/22 00:00	01/04/23 09:40	
890-3758-102	H-19	Solid	12/28/22 00:00	01/04/23 09:40	

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

1/10/2023

Page 1 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level ☐ PST/U☐ TR☐ Le☐el

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Crazy Horse CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	226580	Due Date:	
Project Location	Eddy Co, New Mexico	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han		
PO #:	7520		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	TW-007	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.4	
Total Containers:	102	Corrected Temperature:	2.2	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD
S-1 (0-1)	12/28/2022		x		Comp	1		x	x	x	
S-1 (1-1.5)	12/28/2022		x		Comp	1		x	x	x	
S-1 (2-2.5)	12/28/2022		x		Comp	1		x	x	x	
S-1 (3-3.5)	12/28/2022		x		Comp	1		x	x	x	
S-1 (4-4.5)	12/28/2022		x		Comp	1		x	x	x	
S-2 (0-1)	12/28/2022		x		Comp	1		x	x	x	
S-2 (1-1.5)	12/28/2022		x		Comp	1		x	x	x	
S-2 (2-2.5)	12/28/2022		x		Comp	1		x	x	x	
S-2 (3-3.5)	12/28/2022		x		Comp	1		x	x	x	
S-2 (4-4.5)	12/28/2022		x		Comp	1		x	x	x	

890-3758 Chain of Custody

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1.4.23 940	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 2/28/2024 4:14:15 PM

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

1/10/2023

Page 2 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐P Le☐

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Crazy Horse CTB	Turn Around			
Project Number:	226580	☑ Routine	☐ Rush		
Project Location	Eddy Co, New Mexico	Due Date:			
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm			
PO #:	7520				

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	102	Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-3 (0-1)	12/28/2022		x		Comp	1		x	x	x		
S-3 (1-1.5)	12/28/2022		x		Comp	1		x	x	x		
S-3 (2-2.5)	12/28/2022		x		Comp	1		x	x	x		
S-3 (3-3.5)	12/28/2022		x		Comp	1		x	x	x		
S-3 (4-4.5)	12/28/2022		x		Comp	1		x	x	x		
S-4 (0-1)	12/28/2022		x		Comp	1		x	x	x		
S-4 (1-1.5)	12/28/2022		x		Comp	1		x	x	x		
S-4 (2-2.5)	12/28/2022		x		Comp	1		x	x	x		
S-4 (3-3.5)	12/28/2022		x		Comp	1		x	x	x		
S-4 (4-4.5)	12/28/2022		x		Comp	1		x	x	x		

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 2/28/2024 4:14:15 PM

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

1/10/2023

Page 3 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐P Le☐el

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	226580	☑ Routine ☐ Rush	
Project Location	Eddy Co, New Mexico	Due Date:	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	7520		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	102	Corrected Temperature:		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-5 (0-1)	12/28/2022		x		Comp	1		x	x	x		
S-5 (1-1.5)	12/28/2022		x		Comp	1		x	x	x		
S-5 (2-2.5)	12/28/2022		x		Comp	1		x	x	x		
S-5 (3-3.5)	12/28/2022		x		Comp	1		x	x	x		
S-5 (4-4.5)	12/28/2022		x		Comp	1		x	x	x		
S-6 (0-1)	12/28/2022		x		Comp	1		x	x	x		
S-6 (1-1.5)	12/28/2022		x		Comp	1		x	x	x		
S-6 (2-2.5)	12/28/2022		x		Comp	1		x	x	x		
S-6 (3-3.5)	12/28/2022		x		Comp	1		x	x	x		
S-6 (4-4.5)	12/28/2022		x		Comp	1		x	x	x		

Parameters

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020 1

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

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Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918 Email:		

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐
State of Project:
Reporting:Level ☐ Level I☐ PST/U☐ TR☐ Le☐
Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Crazy Horse CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	226580	Due Date:	
Project Location	Eddy Co, New Mexico	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han		
PO #:	7520		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:	102	Corrected Temperature:	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-7 (0-1)	12/29/2022		x		Comp	1	x	x	x		
S-7 (1-1.5)	12/29/2022		x		Comp	1	x	x	x		
S-7 (2-2.5)	12/29/2022		x		Comp	1	x	x	x		
S-7 (3-3.5)	12/29/2022		x		Comp	1	x	x	x		
S-7 (4-4.5)	12/29/2022		x		Comp	1	x	x	x		
S-8 (0-1)	12/29/2022		x		Comp	1	x	x	x		
S-8 (1-1.5)	12/29/2022		x		Comp	1	x	x	x		
S-8 (2-2.5)	12/29/2022		x		Comp	1	x	x	x		
S-8 (3-3.5)	12/29/2022		x		Comp	1	x	x	x		
S-8 (4-4.5)	12/29/2022		x		Comp	1	x	x	x		

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

1/10/2023

Page 5 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level ☐ PST/U☐ TR☐P Le☐el

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	226580	☑ Routine ☐ Rush	
Project Location	Eddy Co, New Mexico	Due Date:	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	7520		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	~~Yes~~ No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:	102	Corrected Temperature:	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-9 (0-1)	12/29/2022		x		Comp	1		x	x	x		
S-9 (1-1.5)	12/29/2022		x		Comp	1		x	x	x		
S-9 (2-2.5)	12/29/2022		x		Comp	1		x	x	x		
S-10 (0-1)	12/29/2022		x		Comp	1		x	x	x		
S-10 (1-1.5)	12/29/2022		x		Comp	1		x	x	x		
S-10 (2-2.5)	12/29/2022		x		Comp	1		x	x	x		
S-10 (3-3.5)	12/29/2022		x		Comp	1		x	x	x		
~~S-10 (4-4.5)~~	~~12/29/2022~~		~~x~~		~~Comp~~	~~1~~		~~x~~	~~x~~	~~x~~		
S-11 (0-1)	12/29/2022		x		Comp	1		x	x	x		
S-11 (1-1.5)	12/29/2022		x		Comp	1		x	x	x		

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

1/10/2023

Page 6 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐P Le☐l

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	226580	☑ Routine ☐ Rush	
Project Location	Eddy Co, New Mexico	Due Date:	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	7520		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:	102	Corrected Temperature:	

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-11 (2-2.5)	12/29/2022		x		Comp	1		x	x	x		
S-11 (3-3.5)	12/29/2022		x		Comp	1		x	x	x		
S-11 (4-4.5)	12/29/2022		x		Comp	1		x	x	x		
S-12 (0-1)	12/29/2022		x		Comp	1		x	x	x		
S-12 (1-1.5)	12/29/2022		x		Comp	1		x	x	x		
S-12 (2-2.5)	12/29/2022		x		Comp	1		x	x	x		
S-12 (3-3.5)	12/29/2022		x		Comp	1		x	x	x		
S-12 (4-4.5)	12/29/2022		x		Comp	1		x	x	x		
S-13 (0-1)	12/29/2022		x		Comp	1		x	x	x		
S-13 (1-1.5)	12/29/2022		x		Comp	1		x	x	x		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

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Received by OCD: 2/28/2024 4:14:15 PM

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

1/10/2023

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Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918 Email:		

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐P Le☐el

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Crazy Horse CTB	Turn Around	
Project Number:	226580	☑ Routine ☐ Rush	
Project Location	Eddy Co, New Mexico	Due Date:	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	7520		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:	102	Corrected Temperature:	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-13 (2-2.5)	12/29/2022		x		Comp	1		x	x	x		
S-13 (3-3.5)	12/29/2022		x		Comp	1		x	x	x		
S-13 (4-4.5)	12/29/2022		x		Comp	1		x	x	x		
S-14 (0-1)	12/30/2022		x		Comp	1		x	x	x		
S-14 (1-1.5)	12/30/2022		x		Comp	1		x	x	x		
S-14 (2-2.5)	12/30/2022		x		Comp	1		x	x	x		
S-14 (3-3.5)	12/30/2022		x		Comp	1		x	x	x		
S-14 (4-4.5)	12/30/2022		x		Comp	1		x	x	x		
S-15 (0-1)	12/30/2022		x		Comp	1		x	x	x		
S-15 (1-1.5)	12/30/2022		x		Comp	1		x	x	x		

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Additional Comments:

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1			2		
3			4		
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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

1/10/2023

Page 8 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐ Le☐

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Crazy Horse CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	226580	Due Date:	
Project Location	Eddy Co, New Mexico	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han		
PO #:	7520		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:	102	Corrected Temperature:	

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-15 (2-2.5)	12/30/2022		x		Comp	1		x	x	x		
S-15 (3-3.5)	12/30/2022		x		Comp	1		x	x	x		
S-16 (0-1)	12/30/2022		x		Comp	1		x	x	x		
S-16 (1-1.5)	12/30/2022		x		Comp	1		x	x	x		
S-17 (0-1)	12/30/2022		x		Comp	1		x	x	x		
S-17 (1-1.5)	12/30/2022		x		Comp	1		x	x	x		
S-17 (2-2.5)	12/30/2022		x		Comp	1		x	x	x		
S-17 (3-3.5)	12/30/2022		x		Comp	1		x	x	x		
S-17 (4-4.5)	12/30/2022		x		Comp	1		x	x	x		
S-18 (0-1)	12/30/2022		x		Comp	1		x	x	x		

Additional Comments:

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1			2		
3			4		
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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

1/10/2023

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Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level ☐ PST/U☐ TR☐P Le☐l

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Crazy Horse CTB	**Turn Around**	☑ Routine ☐ Rush		
Project Number:	226580				
Project Location	Eddy Co, New Mexico	Due Date:			
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm			
PO #:	7520				

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	~~Yes~~ No N/A		Temperature Reading:	
Total Containers:	102		Corrected Temperature:	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-18 (1-1.5)	12/30/2022		x		Comp	1		x	x	x		
S-18 (2-2.5)	12/30/2022		x		Comp	1		x	x	x		
S-18 (3-3.5)	12/30/2022		x		Comp	1		x	x	x		
H-1	12/28/2022		x		Comp	1		x	x	x		
H-2	12/28/2022		x		Comp	1		x	x	x		
H-3	12/28/2022		x		Comp	1		x	x	x		
H-4	12/29/2022		x		Comp	1		x	x	x		
~~H-5~~	~~12/29/2022~~		~~x~~		~~Comp~~	~~1~~		~~x~~	~~x~~	~~x~~		
H-6	12/30/2022		x		Comp	1		x	x	x		
H-7	12/30/2022		x		Comp	1		x	x	x		

Preservative Codes

None: NO	DI Water: H_2O
Cool: Cool	MeOH: Me
HCL: HC	HNO_3: HN
H_2S0_4: H_2	NaOH: Na
H_3PO_4: HP	
$NaHSO_4$: NABIS	
$Na_2S_2O_3$: $NaSO_3$	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

Additional Comments:

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

1/10/2023

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐P Le☐el

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Crazy Horse CTB	Turn Around			
Project Number:	226580	☑ Routine	☐ Rush		
Project Location	Eddy Co, New Mexico	Due Date:			
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm			
PO #:	7520				
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No		Thermometer ID:		
Cooler Custody Seals:	Yes No N/A		Correction Factor:		
Sample Custody Seals:	Yes No N/A		Temperature Reading:		
Total Containers:	102		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
H-8	12/30/2022		x		Comp	1		x	x	x		
H-9	12/30/2022		x		Comp	1		x	x	x		
H-10	12/30/2022		x		Comp	1		x	x	x		
H-11	12/30/2022		x		Comp	1		x	x	x		
H-12	12/30/2022		x		Comp	1		x	x	x		
H-13	12/30/2022		x		Comp	1		x	x	x		
H-14	12/29/2022		x		Comp	1		x	x	x		
H-15	12/29/2022		x		Comp	1		x	x	x		
H-16	12/29/2022		x		Comp	1		x	x	x		
H-17	12/28/2022		x		Comp	1		x	x	x		

Additional Comments:

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

1/10/2023

Page 11 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐P Le☐el

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Crazy Horse CTB	Turn Around			
Project Number:	226580	☑ Routine	☐ Rush		
Project Location	Eddy Co, New Mexico	Due Date:			
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm			
PO #:	7520				
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No		Thermometer ID:		
Cooler Custody Seals:	Yes No N/A		Correction Factor:		
Sample Custody Seals:	Yes No N/A		Temperature Reading:		
Total Containers:	102		Corrected Temperature:		

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
H-18	12/28/2022		x		Comp	1		x	x	x		
H-19	12/28/2022		x		Comp	1		x	x	x		

Additional Comments:

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Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3758-1
SDG Number: 226580

Login Number: 3758
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

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: NT Global

Job Number: 890-3758-1
SDG Number: 226580

Login Number: 3758
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 01/05/23 10:46 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 318472

QUESTIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 318472
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2231834930**
Incident Name	**NAPP2231834930 CRAZY HORSE CTB @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CRAZY HORSE CTB
Date Release Discovered	11/12/2022
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water 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	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pump | Produced Water | Released: 200 BBL | Recovered: 60 BBL | Lost: 140 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 318472
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Montgomery Floyd Title: Environmental Manager Email: montgomery.floyd@permianres.com Date: 02/28/2024

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QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 318472
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	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	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	3600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	50
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	03/28/2023
On what date will (or did) the final sampling or liner inspection occur	03/28/2023
On what date will (or was) the remediation complete(d)	05/19/2023
What is the estimated surface area (in square feet) that will be reclaimed	60000
What is the estimated volume (in cubic yards) that will be reclaimed	6000
What is the estimated surface area (in square feet) that will be remediated	60000
What is the estimated volume (in cubic yards) that will be remediated	6000
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 318472
	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	R360 Artesia LLC LANDFARM [fEEM0112340644]
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)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Montgomery Floyd Title: Environmental Manager Email: montgomery.floyd@permianres.com Date: 02/28/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 318472
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**301327**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**01/11/2023**
What was the (estimated) number of samples that were to be gathered	**481**
What was the sampling surface area in square feet	**10000**

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	60000
What was the total volume (cubic yards) remediated	5800
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	60000
What was the total volume (in cubic yards) reclaimed	5800
Summarize any additional remediation activities not included by answers (above)	Nothing in addition to dig/haul as referenced in closure request.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Montgomery Floyd Title: Environmental Manager Email: montgomery.floyd@permianres.com Date: 02/28/2024

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QUESTIONS (continued)

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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 318472

CONDITIONS

Operator:	OGRID:
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CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	3/4/2024