

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	nAPP2103458246
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Longfellow Energy, LP	OGRID 372210
Contact Name David Cain	Contact Telephone (214) 265-4715
Contact email david.cain@longfellowenergy.com	Incident # (assigned by OCD)
Contact mailing address 8115 Preston Road, Suite 800, Dallas, TX 75225	

Location of Release Source

Latitude 32.8622627 Longitude -104.0916748
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Jenna Com #001 SWD	Site Type SWD
Date Release Discovered 01/30/2021	API# (if applicable) 30-015-29260

Unit Letter	Section	Township	Range	County
I	5	17S	29E	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)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 20	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Equipment Failure

<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</p>
<p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p>	

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: David Cain Title: Regulatory Manager

Signature:  Date: 2/3/2021

email: david.cain@longfellowenergy.com Telephone: (214) 265-4715

OCD Only

Received by: _____ Date: _____

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Location of spill:

Jenna Com #001 SWD

(32.8622627,-104.0916748)

Date of Spill:

1/30/2021

Site Soil Type:

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

Estimated Daily Production Loss:

0

BBL Oil

20

BBL Water

Total Area Calculations						
Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	4.0 ft	X	460.0 ft	X	3.0 in	0%
Rectangle Area #2	ft	X	ft	X	in	0%
Rectangle Area #3	ft	X	ft	X	in	0%
Rectangle Area #4	ft	X	ft	X	in	0%
Rectangle Area #5	ft	X	ft	X	in	0%
Rectangle Area #6	ft	X	ft	X	in	0%
Rectangle Area #7	ft	X	ft	X	in	0%
Rectangle Area #8	ft	X	ft	X	in	0%

Porosity 0.250 gal per gal

Saturated Soil Volume Calculations:			
		H2O	OIL
Area #1	1,840 sq. ft.	452 cu. ft.	cu. ft.
Area #2	0 sq. ft.	cu. ft.	cu. ft.
Area #3	0 sq. ft.	cu. ft.	cu. ft.
Area #4	0 sq. ft.	cu. ft.	cu. ft.
Area #5	0 sq. ft.	cu. ft.	cu. ft.
Area #6	0 sq. ft.	cu. ft.	cu. ft.
Area #7	0 sq. ft.	cu. ft.	cu. ft.
Area #8	0 sq. ft.	cu. ft.	cu. ft.
Total Solid/Liquid Volume:	1,840 sq. ft.	452 cu. ft.	cu. ft.
Estimated Volumes Spilled			
		H2O	OIL
Liquid in Soil:		20.1 BBL	0.0 BBL
Liquid Recovered :		0.0 BBL	0.0 BBL
Spill Liquid		20.1 BBL	0.0 BBL
Total Spill Liquid:		20.1	
Recovered Volumes			
Estimated oil recovered:	0.0 BBL		
Estimated water recovered:	0.0 BBL		

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
Fine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravely Sand	0.26
Fine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
Limestone	0.13
Basalt	0.19
Volcanic Tuff	0.20
Standing Liquids	

Incident ID	nAPP2103458246
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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?	<u>78</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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

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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: David Cain Title: Regulatory Manager

Signature:  Date: 2/3/2021

email: david.cain@longfellowenergy.com Telephone: (214) 265-4715

OCD Only

Received by: _____ Date: _____

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Remediation Plan

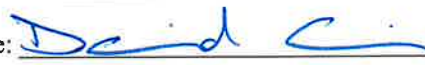
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ 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: David Cain Title: Regulatory Manager
Signature:  Date: 7/29/2021
email: david.cain@longfellowenergy.com Telephone: (214) 265-4715

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Trinity Oilfield Services & Rentals, LLC



June 17, 2021

Mr. Robert Hamlet
Oil Conservation Division, District 2
811 South First Street,
Artesia, New Mexico 88210

Re: Request for Approval of Work Plan
Jenna Com #001 SWD
Tracking #: nAPP2103458246
GPS: 32.8622627, -104.0916748
Unit Letter I, Section 05, Township 17 South, Range 29 East

To Whom it May Concern,

Trinity Oilfield Services ("Trinity"), on behalf of Longfellow Energy, LP ("Longfellow"), hereby submits the following **Work Plan** in response to a release that occurred at the above referenced location and further described below.

Site Information	
Incident ID	nAPP2103458246
Site Name	Jenna Com #001 SWD
Company	Longfellow Energy, LP
County	Eddy County, NM
ULSTR	I-05-17S-29E
GPS Coordinates (NAD 83)	32.8622627, -104.0916748
Landowner	State of New Mexico

BACKGROUND AND RELEASE CHARACTERIZATION

On January 30, 2021, Longfellow discovered a release at the Jenna Com #001 SWD. The spill was caused by equipment failure (PSV) at the gunbarrel. The equipment issues were corrected, and the facility was returned to service. The release flowed across the pad and down a bar ditch on both sides of North Old Loco Road (CR-217). The estimated volume for the release was approximately 20 barrels (bbls) of produced water.

Release Information	
Date of Release	01.28.2021
Type of Release	Produced Water
Source of Release	PSV
Volume Released – Produced Water	Approximately 20 bbls
Volume Recovered – Produced Water	Unknown
Affected Area	Approximately 7,000 sq. ft.

SITE INFORMATION AND CLOSURE CRITERIA**Depth to Groundwater/Wellhead Protection:**

Data Source	Well Number	Data Date	Depth
NM OSE	NA	NA	NA
USGS	NA	NA	NA
OCD ID: pab1423954275	BH-1	05/05/2016	78 ft

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 no wells occurred in the data bases that meets the New Mexico Oil Conservation Division (NMOCD) criteria for age of data, distance of the data point well from the release point and a data point well having a diagram of construction. A copy of the Boring Log from Incident ID pab12423954275 has been included as reference, because the well was constructed during a separate incident investigation of the Jenna Com 1 SWD.

General Site Characterization and Distance to Nearest Significant Watercourse:

Site Characterization	Distance to Nearest Watercourse
High Karst	Freshwater Emergent Wetland 3876 feet NW

A risk-based evaluation and a site determination were performed in accordance with the NMOCD Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production areas in New Mexico (effective August 14, 2018). According to government databases referenced during the site characterization evaluation, the affected area has a high potential for cave and karst, but there are no receptors (water wells, playas, water course, lake beds or ordinance boundaries) located within promulgated boundaries or distances per in the New Mexico Administrative Code (NMAC) 19.15.29.11. Due to the presence of the “high karst” designation in this release area, the strictest closure criteria for a site where depth to groundwater is less than or equal to 50 feet bgs as found in NMAC 19.15.29.12 Table 1 are applicable for this location and is presented in the Table below. A ranking score of 20 is assigned to this site due to the “High Karst” designation in the Jenna Com 1 SWD area.

Closure Criteria:

Remedial Action Levels (RALs)	
Chlorides	600 mg/kg
TPH (GRO and DRO and MRO)	100 mg/kg
Benzene	10 mg/kg
Total BTEX	50 mg/kg

DELINEATION RESULTS AND REMEDIATION PROPOSAL**Initial Sample Activities:**

Delineation Summary	
Delineation Dates	02.08.21 – 03.30.21
Sample Locations	SP-1 – SP-9
Total Initial Samples	68
Depths Sampled	Surface – 30 ft

A total of nine (9) sample locations (SP-1 – SP-9) were collected and field-screened with a chloride titration test kit and olfactory/visual senses. The affected area was investigated utilizing a hand auger, backhoe, and drilling rig, to depth of 30 ft below ground surface (bgs).

Proposed Remediation Activities:

Remediation Proposal	
Proposed Remediation Dates	Within 90 days of approval
Liner Variance Request	20-mil liner at the location (SP-1 – SP-7)
Proposed Depths Excavated	~2 - 4 ft bgs (SP-1 – SP-9)
Proposed 5-Point Confirmation Sample Area	200 ft ²
Confirmation Samples	GA-1 – GA-35 (Figure 3)
Total Estimated Volume of Excavated Soil	2,000 yds ³
Proposed Site Plan	Figure 2

Impacted soil within the release margins will be excavated and temporarily stockpiled on-site, atop 6-mil plastic sheeting, pending final disposition. The sidewalls of the excavated area will be advanced until laboratory analytical results from confirmation soil samples indicate TPH concentrations are below the NMOCD Closure Criteria listed in the Table above. Confirmation soil samples comprised of five-point composites will be collected from the floor and sidewalls of the excavated area, with each representing a confirmation sample area of no more than 200 ft².

All soil samples will be placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to an NMOCD-approved laboratory (Cardinal Laboratories of Hobbs, New Mexico) for analysis for total chloride using EPA Method SM4500 Cl-B; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021 B; and motor, diesel and gasoline range organics (MRO, ORO, and GRO) by EPA Method 8015D.

Upon receiving laboratory analytical data showing that samples from the excavated area yielded results below NMOCD Table 1 Closure Criteria for the site with depth to groundwater less than or equal to 50 feet bgs; all excavated soil will be transported under manifest to a NMOCD-approved disposal facility of the client's choosing and the excavated area will be backfilled with locally sourced, non-impacted "like" material.

Liner Variance Request:

Trinity, on behalf of Longfellow requests a variance from the requirements of Section 19.15.29.12.D(2) of the New Mexico Administrative Code (NMAC) and requests permission to install a 20-mil liner in the excavation upon completion. Felt padding will be installed on the floor of the excavation prior to installation of the liner, and a 6-inch cushion of sand will be installed atop the liner once it is in place to protect it from damage during backfilling. To the extent practicable, SP-1 through SP-7 will be excavated vertically to 4 ft bgs, as depicted in Figure 2, "Site Plan".

SITE RECLAMATION AND RESTORATION

Areas affected by the release and associated remediation activities will be substantially restored to the condition which existed prior to the release to the maximum extent practicable. Excavated areas will be backfilled with locally sourced, non-impacted "like" material. The affected area will be contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable. This release was confined to the production pad and the adjacent lease road. No revegetation will be required for this remedial effort.

REMEDIATION PLAN REQUEST

The site will be remediated to meet the standards of Table I of 19.15.29.12 NMAC. for a site where depth to groundwater is less than or equal to 50 feet bgs (due to high karst). The corrective actions will be completed within 90 days of receipt of approval of this proposal by the NMOCD. Upon completion of the proposed tasks, a "Remediation Summary & Closure Request" will be submitted, documenting remediation activities and results of confirmation soil samples.

Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant approval for the detailed Remediation Plan.

Supporting Documentation	
Initial C-141 with Spill Calculations	Signed and Attached
C-141 – Site Assessment, Remediation Plan	Signed and Attached
Depth to Groundwater Maps and Source	Attached
Delineation & Remediation Maps	Attached
US NWI Map	Attached
FEMA Flood Hazard Map	Attached
USDA Soil Survey	Attached
Previous Site Groundwater Depth Data	Attached
Laboratory Analytics & COC	Attached

Should you have any questions or concerns on the closure report, please do not hesitate to contact me.

Sincerely,

Dan Dunkelberg
Environmental Coordinator

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

LONGFELLOW ENERGY, LP
JENNA COM #001 SWD
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #s: NAPP2103458246



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M				SM4500CI-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	MRO C ₂₈ -C ₃₆ (mg/Kg)	TPH C ₆ -C ₃₆ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	NE	100	600
SP-1 @ 1'	1'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,400
SP-1 @ 4'	4'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	960
SP-1 @ 5'	5'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	720
SP-1 @ 9'	9'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	640
SP-1 @ 12'	12'	4/26/2021	Grab	Drill Cuttings	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	720
SP-1 @ 13'	13'	4/26/2021	Grab	Drill Cuttings	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	608
SP-1 @ 14'	14'	4/26/2021	Grab	Drill Cuttings	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
SP-1 North Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16
SP-1 West Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-1 East Wall Comp @ 2'	2'	5/7/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
SP-2 @ 1'	1'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,090
SP-2 @ 4'	4'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	944
SP-2 @ 5'	5'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	960
SP-2 @ 11'	11'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,200
SP-2 @ 19'	19'	4/26/2021	Grab	Drill Cuttings	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
SP-2 @ 20'	20'	4/26/2021	Grab	Drill Cuttings	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
SP-2 @ 21'	21'	4/26/2021	Grab	Drill Cuttings	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
SP-2 East Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-2 West Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-3 @ 1'	1'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,680
SP-3 @ 4'	4'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,000
SP-3 @ 5'	5'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,800
SP-3 @ 10'	10'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	5,520
SP-3 @ 11'	11'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	7,600
SP-3 @ 28'	28'	4/26/2021	Grab	Drill Cuttings	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	448
SP-3 @ 29'	29'	4/26/2021	Grab	Drill Cuttings	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
SP-3 @ 30'	30'	4/26/2021	Grab	Drill Cuttings	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352
SP-3 East Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-3 West Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-4 @ 1'	1'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,520
SP-4 @ 4'	4'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	864
SP-4 @ 5'	5'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	864
SP-4 @ 10'	10'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
SP-4 @ 11'	11'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
SP-4 East Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-4 West Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-5 @ 1'	1'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,220
SP-5 @ 4'	4'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
SP-5 @ 5'	5'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
SP-5 @ 11'	11'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
SP-5 East Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-5 West Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-6 @ 1'	1'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	976
SP-6 @ 4'	4'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	544
SP-6 @ 5'	5'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	464
SP-6 @ 8'	8'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
SP-6 @ 9'	9'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
SP-6 East Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

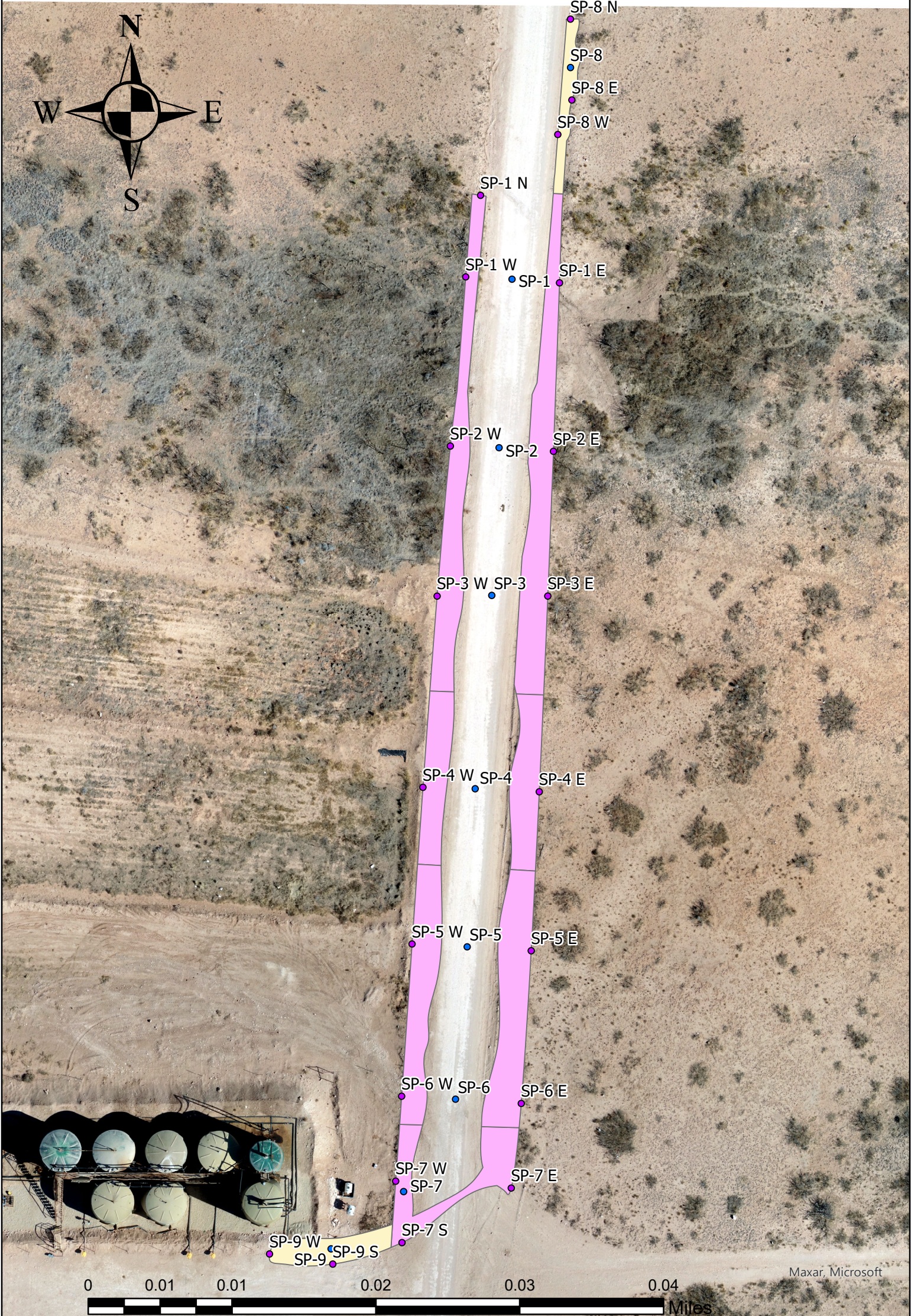
LONGFELLOW ENERGY, LP
JENNA COM #001 SWD
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #s: NAPP2103458246



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M				SM4500CI-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	MRO C ₂₈ -C ₃₆ (mg/Kg)	TPH C ₆ -C ₃₆ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits																
					10	NE	NE	NE	NE	NE	50	NE	NE	NE	100	600
SP-6 West Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-7 @ 1'	1'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	736
SP-7 @ 4'	4'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	640
SP-7 @ 5'	5'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	624
SP-7 @ 11'	11'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
SP-7 East Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-7 West Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-7 South Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-8 @ 1'	1'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	784
SP-8 @ 4'	4'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
SP-8 @ 5'	5'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80
SP-8 East Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
SP-8 West Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96
SP-8 North Wall Comp	2'	4/3/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP-9 @ 1'	1'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	800
SP-4 @ 4'	4'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352
SP-9 @ 5'	5'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
SP-9 @ 10'	10'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
SP-9 @ 11'	11'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	416
SP-9 South Wall Comp	2'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
SP-9 West Wall Comp	2'	4/4/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	320
Background 1 @ 1'	1'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	480
Background 1 @ 2'	2'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,380
Background 1 @ 3'	3'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	464
Background 1 @ 4'	4'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	432
Background 2 @ 1'	1'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	448
Background 2 @ 2'	2'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,380
Background 2 @ 3'	3'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	544
Background 2 @ 4'	4'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	416
Background 3 @ 1'	1'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
Background 3 @ 2'	2'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
Background 3 @ 3'	3'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64
Background 3 @ 4'	4'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96
Background 4 @ 1'	1'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
Background 4 @ 2'	2'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
Background 4 @ 3'	3'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96
Background 4 @ 4'	4'	4/30/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80



Legend: <ul style="list-style-type: none">Horizontal DelineationVertical DelineationDelineation TrenchBackground SampleSpill Area	Figure 1 Delineation Sample Map Jenna Com #001 Longfellow Energy, LP. Lea County, New Mexico EMNRD Incident ID NAPP2103458246		<div>Trinity Oilfield Services & Rentals, LLC P.O. Box 2587 Hobbs, NM 88241</div>	
	Drawn By: DCD		Checked By: JEH	
	Current Time: 6/10/2021		1 inch equals 60 feet	



Legend:

Horizontal Delineation

Vertical Delineation

Excavation

Proposed Depth (ft.)

2

4

Figure 2

Proposed Excavation Map

Jenna Com #001

Longfellow Energy, LP.

Lea County, New Mexico

EMNRD Incident ID

NAPP2103458246

TRINITY

OILFIELD SERVICES

Trinity Oilfield Services & Rentals, LLC
P.O. Box 2587
Hobbs, NM 88241

Drawn By: DCD

Current Time:
6/17/2021

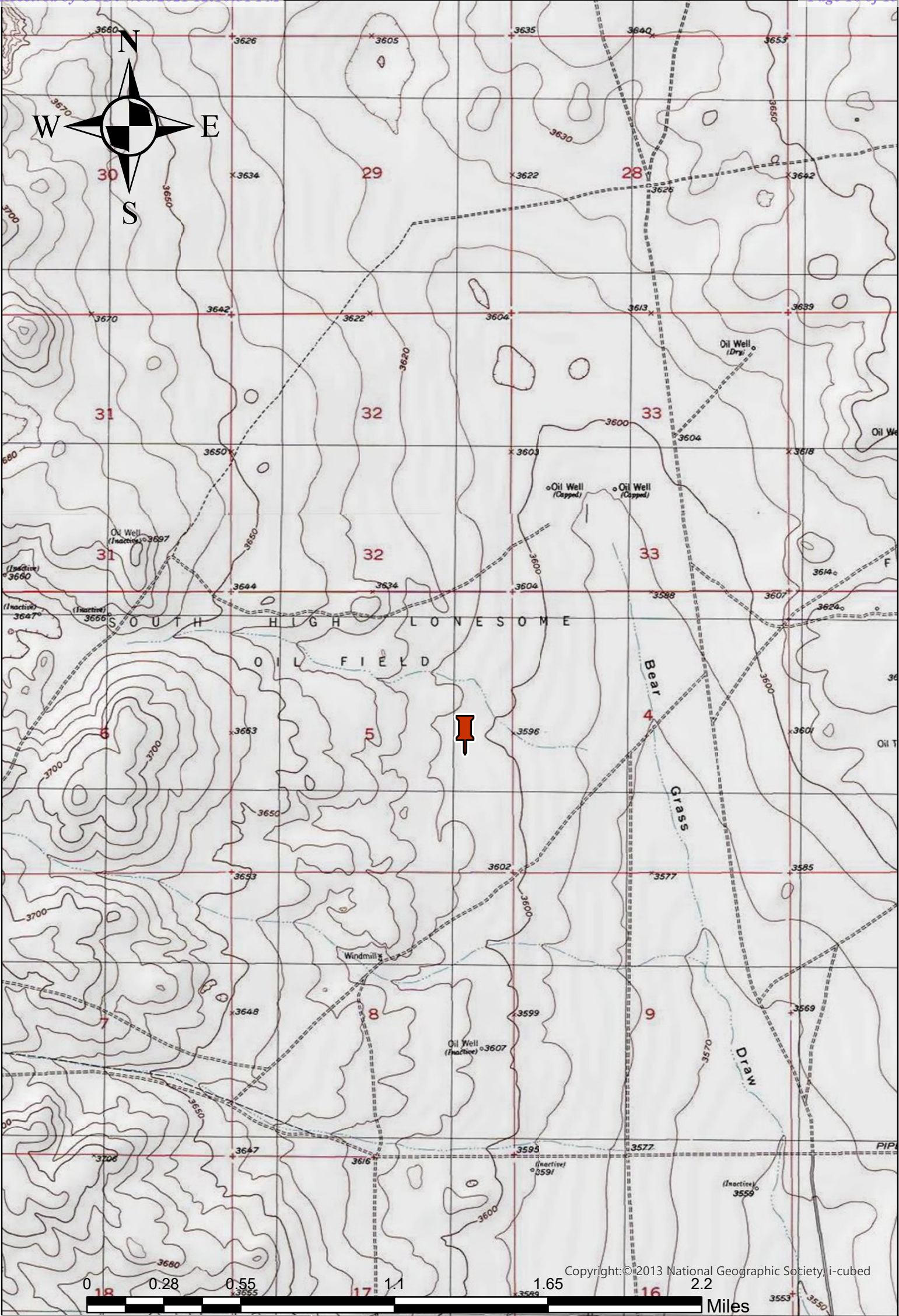
Checked By: JEH

1 inch equals 42 feet

Released to Imaging: 10/29/2021 2:29:06 PM



<div>Legend:</div> <div><div>Remediation Floors</div><div>Remediation Walls</div></div>	<div>Figure 3</div> <div>Remediation Sample Map</div> <div>Jenna Com #001</div> <div>Longfellow Energy, LP.</div> <div>Lea County, New Mexico</div> <div>EMNRD Incident ID</div> <div>NAPP2103458246</div>	<div><div><div><div></div></div><div>TRINITY</div><div>OILFIELD SERVICES</div></div><div>Trinity Oilfield Services & Rentals, LLC</div><div>P.O. Box 2587</div><div>Hobbs, NM 88241</div></div>	
		Drawn By: DCD	Checked By: JEH
		Current Time: 6/9/2021	1 inch equals 42 feet



Legend:  Site Location		Figure 4 Site Location Map Jenna Com #001 Longfellow Energy, LP. Lea County, New Mexico EMNRD Incident ID NAPP2103458246		 <div>Trinity Oilfield Services & Rentals, LLC P.O. Box 2587 Hobbs, NM 88241</div>	
		Drawn By: DCD		Checked By: JEH	
		Current Time: 6/17/2021		1 inch equals 2,117 feet	



JENNA COM #001 SWD

Sample GPS Location – NAD 83





Name	Latitude	Longitude
SP-1	32.8635098004018	-104.091078240641
SP-2	32.8633398807956	-104.091094155283
SP-3	32.863190947763	-104.09110332079
SP-4	32.8629960431302	-104.091123676603
SP-5	32.8628365906692	-104.091133667712
SP-6	32.8626829649012	-104.091148019505
SP-7	32.8625899257283	-104.09121030915
SP-8	32.863723119504	-104.09100772151
SP-9	32.8625323144489	-104.091297232718
SP-1 N	32.8635944566011	-104.091115612305
SP-1 W	32.8635122079474	-104.091133564517
SP-1 E	32.863506004856	-104.091021446005
SP-2 W	32.8633416303661	-104.091152443802
SP-2 E	32.8633361036523	-104.091029165284
SP-3 W	32.8631903510389	-104.091168664494
SP-3 E	32.8631901308842	-104.091036329026
SP-4 W	32.8629975870174	-104.091186125125
SP-4 E	32.8629928232792	-104.091047034422
SP-5 W	32.8628395939399	-104.091199540965
SP-5 E	32.8628325206183	-104.09105711239
SP-6 W	32.8626860771154	-104.091212410345
SP-6 E	32.8626785194795	-104.091069476865
SP-7 E	32.862593226053	-104.091081648103
SP-7 S	32.8625384419913	-104.091212400103
SP-7 W	32.8626004253904	-104.091219777402
SP-8 W	32.8636556161593	-104.09102306613
SP-8 N	32.8637719522864	-104.091007636795
SP-8 E	32.863690368601	-104.091006211018
SP-9 W	32.8625273120988	-104.09137078859
SP-9 S	32.8625169379392	-104.091295196262

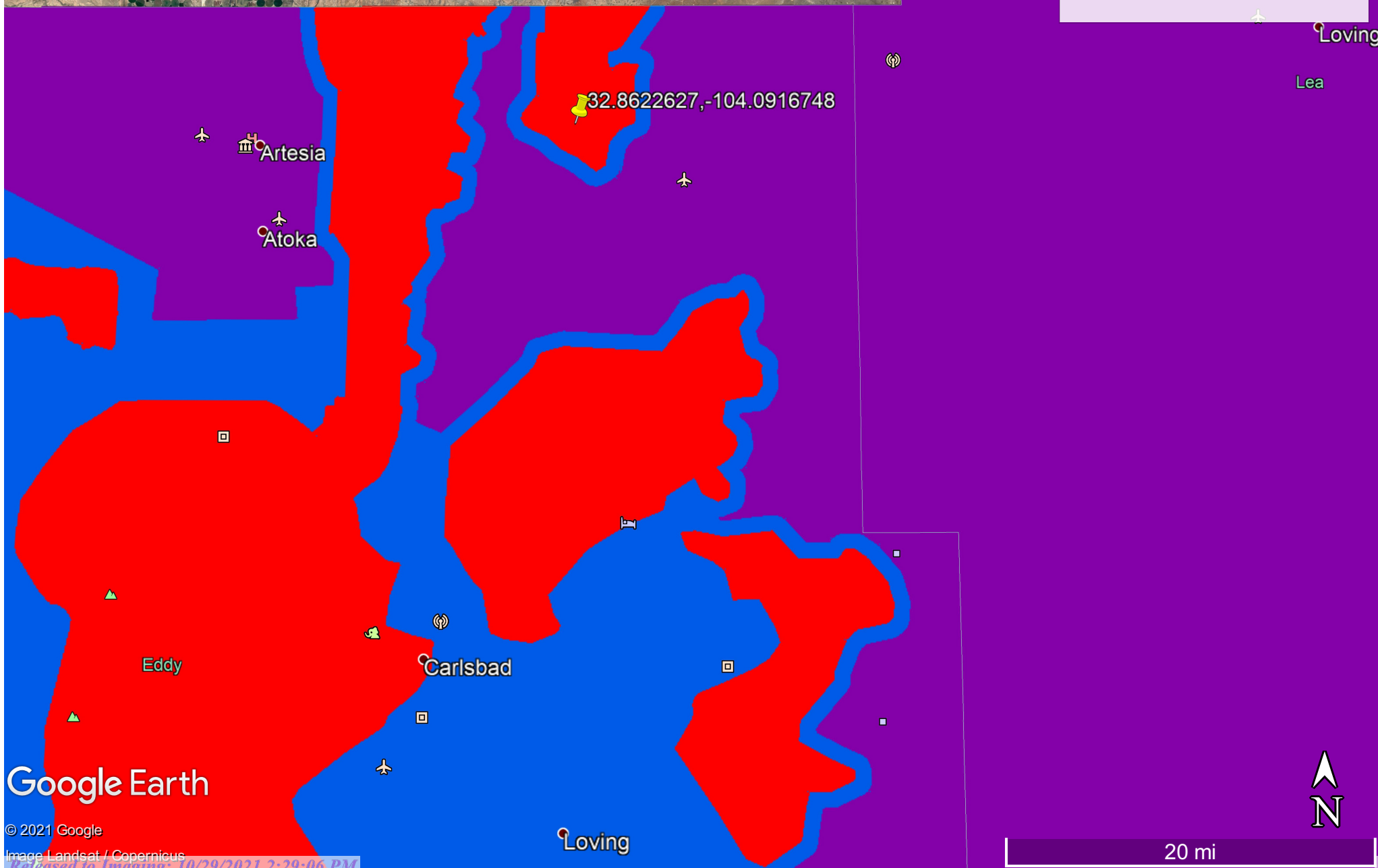
JENNA COM #001 SWD

I-05-17S-29E

32.8622627,-104.0916748

Legend

-  32.8622627,-104.0916748
-  High
-  Low
-  Medium



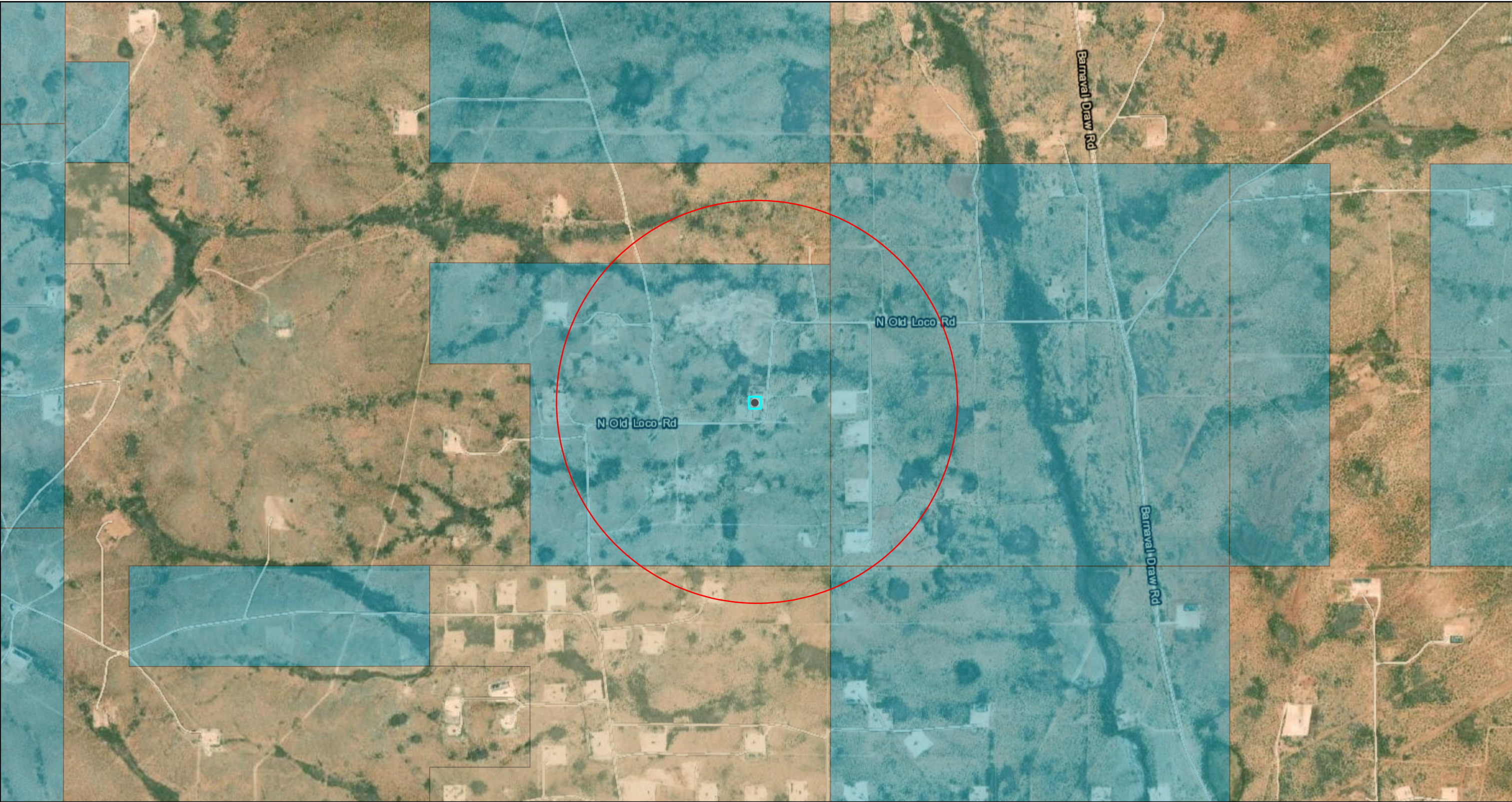
Google Earth

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Image Landsat / Copernicus

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JENNA COM #001 SWD | 1/2 Mile Buffer



5/6/2021, 2:38:40 PM

OSE District Boundary

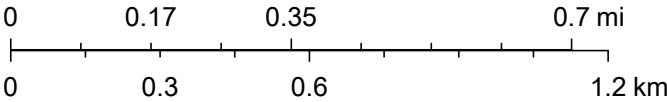
New Mexico State Trust Lands

Subsurface Estate

Both Estates

SiteBoundaries

1:18,056



Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar



JENNA COM #001 SWD



May 6, 2021

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 Flood Hazard Layer FIRMette



104°5'48"W 32°51'59"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, 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 Cross Sections with 1% Annual Chance Water Surface Elevation
		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
MAP PANELS		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/6/2021 at 4:40 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.

Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

5/6/2021
Page 1 of 3

Soil Map—Eddy Area, New Mexico


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 16, Jun 8, 2020

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

Date(s) aerial images were photographed: Feb 27, 2020—Feb 28, 2020

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.



Soil Map—Eddy Area, New Mexico

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KT	Kimbrough-Stegall loams, 0 to 3 percent slopes	8.9	100.0%
Totals for Area of Interest		8.9	100.0%



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

April 14, 2021

JOHN FARRELL

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: JENNA COM 1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 04/09/21 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	04/09/2021	Sampling Date:	04/03/2021
Reported:	04/14/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: SP - 1 NORTH WALL COMP (H210908-01)

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2021	ND	2.18	109	2.00	0.824		
Toluene*	<0.050	0.050	04/13/2021	ND	2.20	110	2.00	0.898		
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.15	108	2.00	0.692		
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.62	110	6.00	0.145		
Total BTX	<0.300	0.300	04/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/13/2021	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	198	98.9	200	0.763	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	204	102	200	0.722	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.7 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 1 WEST WALL COMP (H210908-02)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.18	109	2.00	0.824	
Toluene*	<0.050	0.050	04/13/2021	ND	2.20	110	2.00	0.898	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.15	108	2.00	0.692	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.62	110	6.00	0.145	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/13/2021	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	198	98.9	200	0.763	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	204	102	200	0.722	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 2 EAST WALL COMP (H210908-03)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.18	109	2.00	0.824	
Toluene*	<0.050	0.050	04/13/2021	ND	2.20	110	2.00	0.898	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.15	108	2.00	0.692	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.62	110	6.00	0.145	
Total BTEx	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/13/2021	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	198	98.9	200	0.763	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	204	102	200	0.722	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 59.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 59.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 2 WEST WALL COMP (H210908-04)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.18	109	2.00	0.824	
Toluene*	<0.050	0.050	04/13/2021	ND	2.20	110	2.00	0.898	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.15	108	2.00	0.692	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.62	110	6.00	0.145	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/13/2021	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 91.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 3 EAST WALL COMP (H210908-05)

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2021	ND	2.18	109	2.00	0.824		
Toluene*	<0.050	0.050	04/13/2021	ND	2.20	110	2.00	0.898		
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.15	108	2.00	0.692		
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.62	110	6.00	0.145		
Total BTX	<0.300	0.300	04/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/13/2021	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 3 WEST WALL COMP (H210908-06)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.18	109	2.00	0.824	
Toluene*	<0.050	0.050	04/13/2021	ND	2.20	110	2.00	0.898	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.15	108	2.00	0.692	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.62	110	6.00	0.145	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/13/2021	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 4 EAST WALL COMP (H210908-07)

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2021	ND	2.18	109	2.00	0.824		
Toluene*	<0.050	0.050	04/13/2021	ND	2.20	110	2.00	0.898		
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.15	108	2.00	0.692		
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.62	110	6.00	0.145		
Total BTX	<0.300	0.300	04/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/13/2021	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	04/09/2021	Sampling Date:	04/03/2021
Reported:	04/14/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: SP - 4 WEST WALL COMP (H210908-08)

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2021	ND	2.18	109	2.00	0.824		
Toluene*	<0.050	0.050	04/13/2021	ND	2.20	110	2.00	0.898		
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.15	108	2.00	0.692		
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.62	110	6.00	0.145		
Total BTEx	<0.300	0.300	04/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/13/2021	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 5 EAST WALL COMP (H210908-09)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 96.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 5 WESTWALL COMP (H210908-10)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 78.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 6 EAST WALL COMP (H210908-11)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 74.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 6 WEST WALL COMP (H210908-12)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/13/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 76.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.2 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	04/09/2021	Sampling Date:	04/03/2021
Reported:	04/14/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: SP - 7 EAST WALL COMP (H210908-13)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTEX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 97.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 7 WEST WALL COMP (H210908-14)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/13/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 7 SOUTH WALL COMP (H210908-15)

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05		
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838		
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08		
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02		
Total BTX	<0.300	0.300	04/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 8 EAST WALL COMP (H210908-16)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/13/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 72.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 8 NORTH WALL COMP (H210908-17)

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05		
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838		
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08		
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02		
Total BTX	<0.300	0.300	04/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/03/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 8 WEST WALL COMP (H210908-18)

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05		
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838		
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08		
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02		
Total BTX	<0.300	0.300	04/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/13/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 1 @ 1' (H210908-19)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2400	16.0	04/13/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 98.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	04/09/2021	Sampling Date:	04/04/2021
Reported:	04/14/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: SP - 1 @ 4' (H210908-20)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	960	16.0	04/13/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 97.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 1 @ 5' (H210908-21)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	04/13/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 91.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 1 @ 9' (H210908-22)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	04/13/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 94.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 2 @ 1' (H210908-23)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	04/13/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	206	103	200	1.18	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	220	110	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 2 @ 4' (H210908-24)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	04/13/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 2 @ 5' (H210908-25)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	04/13/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 2 @ 11' (H210908-26)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1200	16.0	04/13/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 95.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.2 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 3 @ 1' (H210908-27)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	04/13/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	04/09/2021	Sampling Date:	04/04/2021
Reported:	04/14/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: SP - 3 @ 4' (H210908-28)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.12	106	2.00	1.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.14	107	2.00	0.838	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.10	105	2.00	1.08	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.53	109	6.00	1.02	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	04/13/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 85.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 3 @ 5' (H210908-29)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	04/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 92.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.4 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 3 @ 10' (H210908-30)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2021	ND	2.19	110	2.00	6.05		
Toluene*	<0.050	0.050	04/13/2021	ND	2.07	104	2.00	6.40		
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.07	103	2.00	5.96		
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.15	102	6.00	5.78		
Total BTEx	<0.300	0.300	04/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5520	16.0	04/13/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.9 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	04/09/2021	Sampling Date:	04/04/2021
Reported:	04/14/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: SP - 3 @ 11' (H210908-31)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7600	16.0	04/13/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 95.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 4 @ 1' (H210908-32)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	04/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 4 @ 4' (H210908-33)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/13/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	04/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 95.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 4 @ 5' (H210908-34)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2021	ND	2.19	110	2.00	6.05		
Toluene*	<0.050	0.050	04/13/2021	ND	2.07	104	2.00	6.40		
Ethylbenzene*	<0.050	0.050	04/13/2021	ND	2.07	103	2.00	5.96		
Total Xylenes*	<0.150	0.150	04/13/2021	ND	6.15	102	6.00	5.78		
Total BTX	<0.300	0.300	04/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	04/13/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 90.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 4 @ 10' (H210908-35)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05		
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40		
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96		
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78		
Total BTX	<0.300	0.300	04/14/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/13/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 92.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 4 @ 11' (H210908-36)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 87.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 5 @ 1' (H210908-37)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	04/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 5 @ 4' (H210908-38)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 89.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 5 @ 5' (H210908-39)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	04/13/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 5 @ 11' (H210908-40)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	04/13/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 93.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 6 @ 1' (H210908-41)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05		
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40		
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96		
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78		
Total BTEX	<0.300	0.300	04/14/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	04/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 97.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 6 @ 4' (H210908-42)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	04/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 88.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 6 @ 5' (H210908-43)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	04/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	231	116	200	1.27	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	228	114	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 83.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.7 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 6 @ 8' (H210908-44)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	04/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/12/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/12/2021	ND					

Surrogate: 1-Chlorooctane 83.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.0 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 6 @ 9' (H210908-45)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05		
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40		
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96		
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78		
Total BTX	<0.300	0.300	04/14/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	04/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/12/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/12/2021	ND					

Surrogate: 1-Chlorooctane 85.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.7 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
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 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 7 @ 1' (H210908-46)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	04/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/12/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/12/2021	ND					

Surrogate: 1-Chlorooctane 94.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.7 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
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 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 7 @ 4' (H210908-47)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	04/13/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 7 @ 5' (H210908-48)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.19	110	2.00	6.05	
Toluene*	<0.050	0.050	04/14/2021	ND	2.07	104	2.00	6.40	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.07	103	2.00	5.96	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.15	102	6.00	5.78	
Total BTX	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	04/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 85.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
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 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 7 @ 11' (H210908-49)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2021	ND	2.29	115	2.00	0.649		
Toluene*	<0.050	0.050	04/12/2021	ND	2.19	109	2.00	0.470		
Ethylbenzene*	<0.050	0.050	04/12/2021	ND	2.17	108	2.00	0.531		
Total Xylenes*	<0.150	0.150	04/12/2021	ND	6.46	108	6.00	0.641		
Total BTX	<0.300	0.300	04/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	04/13/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.3 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 8 @ 1' (H210908-50)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2021	ND	2.29	115	2.00	0.649	
Toluene*	<0.050	0.050	04/12/2021	ND	2.19	109	2.00	0.470	
Ethylbenzene*	<0.050	0.050	04/12/2021	ND	2.17	108	2.00	0.531	
Total Xylenes*	<0.150	0.150	04/12/2021	ND	6.46	108	6.00	0.641	
Total BTX	<0.300	0.300	04/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	04/13/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 8 @ 4' (H210908-51)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2021	ND	2.29	115	2.00	0.649	
Toluene*	<0.050	0.050	04/12/2021	ND	2.19	109	2.00	0.470	
Ethylbenzene*	<0.050	0.050	04/12/2021	ND	2.17	108	2.00	0.531	
Total Xylenes*	<0.150	0.150	04/12/2021	ND	6.46	108	6.00	0.641	
Total BTEx	<0.300	0.300	04/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.2 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 8 @ 5' (H210908-52)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2021	ND	2.29	115	2.00	0.649	
Toluene*	<0.050	0.050	04/12/2021	ND	2.19	109	2.00	0.470	
Ethylbenzene*	<0.050	0.050	04/12/2021	ND	2.17	108	2.00	0.531	
Total Xylenes*	<0.150	0.150	04/12/2021	ND	6.46	108	6.00	0.641	
Total BTX	<0.300	0.300	04/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 80.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.1 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 9 @ 1' (H210908-53)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2021	ND	2.29	115	2.00	0.649	
Toluene*	<0.050	0.050	04/12/2021	ND	2.19	109	2.00	0.470	
Ethylbenzene*	<0.050	0.050	04/12/2021	ND	2.17	108	2.00	0.531	
Total Xylenes*	<0.150	0.150	04/12/2021	ND	6.46	108	6.00	0.641	
Total BTEx	<0.300	0.300	04/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	04/13/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 95.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 9 @ 4' (H210908-54)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2021	ND	2.29	115	2.00	0.649	
Toluene*	<0.050	0.050	04/12/2021	ND	2.19	109	2.00	0.470	
Ethylbenzene*	<0.050	0.050	04/12/2021	ND	2.17	108	2.00	0.531	
Total Xylenes*	<0.150	0.150	04/12/2021	ND	6.46	108	6.00	0.641	
Total BTEx	<0.300	0.300	04/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	04/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
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 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 9 @ 5' (H210908-55)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2021	ND	2.29	115	2.00	0.649	
Toluene*	<0.050	0.050	04/12/2021	ND	2.19	109	2.00	0.470	
Ethylbenzene*	<0.050	0.050	04/12/2021	ND	2.17	108	2.00	0.531	
Total Xylenes*	<0.150	0.150	04/12/2021	ND	6.46	108	6.00	0.641	
Total BTX	<0.300	0.300	04/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 97.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.1 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 9 @ 10' (H210908-56)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.25	112	2.00	0.608	
Toluene*	<0.050	0.050	04/14/2021	ND	2.12	106	2.00	1.10	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.11	105	2.00	1.60	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.27	105	6.00	1.40	
Total BTX	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	04/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 9 @ 11' (H210908-57)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.25	112	2.00	0.608	
Toluene*	<0.050	0.050	04/14/2021	ND	2.12	106	2.00	1.10	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.11	105	2.00	1.60	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.27	105	6.00	1.40	
Total BTEx	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	04/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 9 SOUTH WALL COMP (H210908-58)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2021	ND	2.25	112	2.00	0.608	
Toluene*	<0.050	0.050	04/14/2021	ND	2.12	106	2.00	1.10	
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.11	105	2.00	1.60	
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.27	105	6.00	1.40	
Total BTX	<0.300	0.300	04/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.9 % 42.2-156

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/09/2021
 Reported: 04/14/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/04/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP - 9 WEST WALL COMP (H210908-59)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2021	ND	2.25	112	2.00	0.608		
Toluene*	<0.050	0.050	04/14/2021	ND	2.12	106	2.00	1.10		
Ethylbenzene*	<0.050	0.050	04/14/2021	ND	2.11	105	2.00	1.60		
Total Xylenes*	<0.150	0.150	04/14/2021	ND	6.27	105	6.00	1.40		
Total BTX	<0.300	0.300	04/14/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	04/13/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2021	ND	217	109	200	1.43	
DRO >C10-C28*	<10.0	10.0	04/13/2021	ND	221	111	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					

Surrogate: 1-Chlorooctane 97.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 62 of 67

Company Name: Trinity Oilfield Services & Rentals LLC				BILL TO				ANALYSIS REQUEST																																			
Project Manager: John Farrell				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> </div>																																			
Address: 8426 N Dal Paso				Company: Longfellow																																							
City: Hobbs St NM Zip 88241				Attn: Monty Ball																																							
Phone #: 575 397-4961 Fax #:				Address: 16803 N Dallas Parkway																																							
Project #:				City: Addison																																							
Project Name: Jenna Com 1 SWD				State: TX Zip: 75001																																							
Project Location: Eddy County, NM Pg 1 of 6				Phone #: 405 306 7989																																							
Sampler Name: Granville Ramsey				Fax #:																																							
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(GIRAB OR (C)OMP. # CONTAINERS		MATRIX		PRESERV.		SAMPLING																															
								GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME															
		H210908																																									
		1		SP-1 North Wall Comp		C 1																																					
		2		SP-1 West Wall Comp		C 1																																					
		3		SP-2 East Wall Comp		C 1																																					
		4		SP-2 West Wall Comp		C 1																																					
		5		SP-3 East Wall Comp		C 1																																					
		6		SP-3 West Wall Comp		C 1																																					
		7		SP-4 East Wall Comp		C 1																																					
		8		SP-4 West Wall Comp		C 1																																					
		9		SP-5 East Wall Comp		C 1																																					
		10		SP-5 West Wall Comp		C 1																																					

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Relinquished By:		Date: 4/9		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: 2:10				All Results are emailed. Please provide Email address:	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:							
Delivered By: (Circle One)		Observed Temp. °C 20.8		Sample Condition		TURNAROUND TIME: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Bacteria (only) Sample Condition	
						Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
						Thermometer ID #97 #113	
						Correction Factor +0.4 °C	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:		Project Manager:		Address:		City:		Phone #:		Project #:		Project Name:		Project Location:		Sampler Name:		BILL TO				ANALYSIS REQUEST											
Trinity Oilfield Services & Rentals LLC																P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>BTEX</div> <div>TPH</div> <div>Chloride</div> </div>													
John Farrell																Company: Longfellow																	
8426 N Dal Paso																Attn: Monty Ball																	
Hobbs St NM Zip 88241																Address: 16803 N Dallas Parkway																	
575 397-4961 Fax #:																City: Addison																	
Project Owner: john@trinityoilfieldservices.com																State: TX Zip: 75001																	
Jenna Com 1 SWD																Phone #: 405 306 7989																	
Eddy County, NM Pg 2 of 6																Fax #:																	
Granville Ramsey																																	
Lab I.D.	Sample I.D.	(GIRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME																			
H210908																																	
11	SP-6 East Wall Comp	C	1			X				X			4/3/2021	9:50	X	X	X																
12	SP-6 West Wall Comp	C	1			X				X			4/3/2021	9:55	X	X	X																
13	SP-7 East Wall Comp	C	1			X				X			4/3/2021	10:00	X	X	X																
14	SP-7 West Wall Comp	C	1			X				X			4/3/2021	10:05	X	X	X																
15	SP-7 South Wall Comp	C	1			X				X			4/3/2021	10:10	X	X	X																
16	SP-8 East Wall Comp	C	1			X				X			4/3/2021	10:15	X	X	X																
17	SP-8 North Wall Comp	C	1			X				X			4/3/2021	10:20	X	X	X																
18	SP--8 West Wall Comp	C	1			X				X			4/3/2021	10:25	X	X	X																
19	SP-1 @ 1'	C	1			X				X			4/4/2021	9:00	X	X	X																
20	SP-1 @ 4'	C	1			X				X			4/4/2021	9:05	X	X	X																

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Relinquished By:	Date: 4/4	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
	Time: 4:00	Jodi Benson	All Results are emailed. Please provide Email address:	
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)	Observed Temp. °C 20.8	Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No
		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		Corrected Temp. °C

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Company Name: Trinity Oilfield Services & Rentals LLC				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> </div>																																					
Project Manager: John Farrell				Company: Longfellow																																									
Address: 8426 N Dal Paso				Attn: Monty Ball																																									
City: Hobbs St NM Zip 88241				Address: 16803 N Dallas Parkway																																									
Phone #: 575 397-4961 Fax #:				City: Addison																																									
Project #: Project Owner: john@trinityoilfieldservices.com				State: TX Zip: 75001																																									
Project Name: Jenna Com 1 SWD				Phone #: 405 306 7989																																									
Project Location: Eddy County, NM Pg 3 of 6				Fax #:																																									
Sampler Name: Granville Ramsey																																													
FOR LAB USE ONLY																																													
Lab I.D.		Sample I.D.		(G/RAB OR (C)OMP. # CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME																			
H210908																																													
21		SP-1 @ 5'		C 1				X										X						4/4/2021		9:10		X		X		X													
22		SP-1 @ 9'		C 1				X										X						4/4/2021		9:15		X		X		X													
23		SP-2 @ 1'		C 1				X										X						4/4/2021		9:20		X		X		X													
24		SP-2 @ 4'		C 1				X										X						4/4/2021		9:25		X		X		X													
25		SP-2 @ 5'		C 1				X										X						4/4/2021		9:35		X		X		X													
26		SP-2 @ 11'		C 1				X										X						4/4/2021		9:35		X		X		X													
27		SP-3 @ 1'		C 1				X										X						4/4/2021		9:40		X		X		X													
28		SP-3 @ 4'		C 1				X										X						4/4/2021		9:45		X		X		X													
29		SP-3 @ 5'		C 1				X										X						4/4/2021		9:50		X		X		X													
30		SP-3 @ 10'		C 1				X										X						4/4/2021		9:55		X		X		X													
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																																													
Relinquished By:				Date: 4/14				Received By:				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																													
				Time: 4:00				Jodi Benson				All Results are emailed. Please provide Email address:																																	
Relinquished By:				Date:				Received By:				REMARKS:																																	
				Time:																																									
Delivered By: (Circle One)				Observed Temp. °C 20.8				Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				CHECKED BY: (Initials) JH				Turnaround Time: Standard <input checked="" type="checkbox"/> Rush				Bacteria (only) Sample Condition Cool Intact Observed Temp. °C																									
Sampler - UPS - Bus - Other:				Corrected Temp. °C				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								Thermometer ID #97 #113				<input type="checkbox"/> Yes <input type="checkbox"/> No																									
																Correction Factor +0.4 °C				<input type="checkbox"/> No <input type="checkbox"/> No																									

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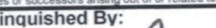




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Service: In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of data, or other damages, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.									
Relinquished By: 		Date: 4/00 Time: 4/9		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:			
Relinquished By:		Date: Time:		Received By:		REMARKS:			
Delivered By: (Circle One)		Observed Temp. °C 20.8		Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY:  (Initials)		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #97 Correction Factor +0.4 °C	
Sampler - UPS - Bus - Other:		Corrected Temp. °C				Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C		#113	

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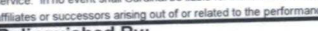




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Relinquished By: 		Date: 4/19 Time: 4:00		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Relinquished By:		Date:		Received By:		All Results are emailed. Please provide Email address:	
Relinquished By:		Date:		Received By:		REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C 20.8 Corrected Temp. °C		Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) 	
Sampler - UPS - Bus - Other:		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C		Thermometer ID #97 #113 Correction Factor -0.4°C	

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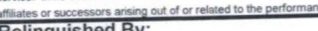


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Relinquished By: 		Date: 4/19 Time: 4:00		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Relinquished By:		Date: Time:		Received By:		All Results are emailed. Please provide Email address:	
Delivered By: (Circle One)		Observed Temp. °C 20.8 Corrected Temp. °C		Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) 	
Sampler - UPS - Bus - Other:		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C		Thermometer ID #97 Correction Factor +0.4°C #113	

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April 30, 2021

JOHN FARRELL

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: JENNA COM 1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 04/27/21 14:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	04/27/2021	Sampling Date:	04/26/2021
Reported:	04/30/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: SP - 3 @ 28 (H211079-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2021	ND	1.91	95.7	2.00	3.77		
Toluene*	<0.050	0.050	04/29/2021	ND	2.01	101	2.00	3.78		
Ethylbenzene*	<0.050	0.050	04/29/2021	ND	2.02	101	2.00	4.43		
Total Xylenes*	<0.150	0.150	04/29/2021	ND	5.85	97.5	6.00	3.54		
Total BTEX	<0.300	0.300	04/29/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	04/29/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/29/2021	ND	210	105	200	0.416	
DRO >C10-C28*	<10.0	10.0	04/29/2021	ND	172	85.9	200	0.564	
EXT DRO >C28-C36	<10.0	10.0	04/29/2021	ND					

Surrogate: 1-Chlorooctane 67.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 66.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/27/2021
 Reported: 04/30/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/26/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 3 @ 29 (H211079-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2021	ND	1.91	95.7	2.00	3.77	
Toluene*	<0.050	0.050	04/29/2021	ND	2.01	101	2.00	3.78	
Ethylbenzene*	<0.050	0.050	04/29/2021	ND	2.02	101	2.00	4.43	
Total Xylenes*	<0.150	0.150	04/29/2021	ND	5.85	97.5	6.00	3.54	
Total BTX	<0.300	0.300	04/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/29/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/29/2021	ND	210	105	200	0.416	
DRO >C10-C28*	<10.0	10.0	04/29/2021	ND	172	85.9	200	0.564	
EXT DRO >C28-C36	<10.0	10.0	04/29/2021	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/27/2021
 Reported: 04/30/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/26/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 3 @ 30 (H211079-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2021	ND	1.93	96.6	2.00	2.19		
Toluene*	<0.050	0.050	04/29/2021	ND	2.12	106	2.00	0.533		
Ethylbenzene*	<0.050	0.050	04/29/2021	ND	2.17	109	2.00	2.67		
Total Xylenes*	<0.150	0.150	04/29/2021	ND	6.23	104	6.00	2.45		
Total BTEx	<0.300	0.300	04/29/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	04/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/29/2021	ND	210	105	200	0.416	
DRO >C10-C28*	<10.0	10.0	04/29/2021	ND	172	85.9	200	0.564	
EXT DRO >C28-C36	<10.0	10.0	04/29/2021	ND					

Surrogate: 1-Chlorooctane 82.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/27/2021
 Reported: 04/30/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/26/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 2 @ 19 (H211079-04)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2021	ND	1.93	96.6	2.00	2.19	
Toluene*	<0.050	0.050	04/29/2021	ND	2.12	106	2.00	0.533	
Ethylbenzene*	<0.050	0.050	04/29/2021	ND	2.17	109	2.00	2.67	
Total Xylenes*	<0.150	0.150	04/29/2021	ND	6.23	104	6.00	2.45	
Total BTX	<0.300	0.300	04/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/29/2021	ND	210	105	200	0.416	
DRO >C10-C28*	<10.0	10.0	04/29/2021	ND	172	85.9	200	0.564	
EXT DRO >C28-C36	<10.0	10.0	04/29/2021	ND					

Surrogate: 1-Chlorooctane 91.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	04/27/2021	Sampling Date:	04/26/2021
Reported:	04/30/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: SP - 2 @ 20 (H211079-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2021	ND	1.93	96.6	2.00	2.19		
Toluene*	<0.050	0.050	04/29/2021	ND	2.12	106	2.00	0.533		
Ethylbenzene*	<0.050	0.050	04/29/2021	ND	2.17	109	2.00	2.67		
Total Xylenes*	<0.150	0.150	04/29/2021	ND	6.23	104	6.00	2.45		
Total BTEx	<0.300	0.300	04/29/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/29/2021	ND	228	114	200	1.69	
DRO >C10-C28*	<10.0	10.0	04/29/2021	ND	200	99.8	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	04/29/2021	ND					

Surrogate: 1-Chlorooctane 85.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/27/2021
 Reported: 04/30/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/26/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 2 @ 21 (H211079-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2021	ND	1.93	96.6	2.00	2.19	
Toluene*	<0.050	0.050	04/29/2021	ND	2.12	106	2.00	0.533	
Ethylbenzene*	<0.050	0.050	04/29/2021	ND	2.17	109	2.00	2.67	
Total Xylenes*	<0.150	0.150	04/29/2021	ND	6.23	104	6.00	2.45	
Total BTEx	<0.300	0.300	04/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/29/2021	ND	228	114	200	1.69	
DRO >C10-C28*	<10.0	10.0	04/29/2021	ND	200	99.8	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	04/29/2021	ND					

Surrogate: 1-Chlorooctane 87.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/27/2021
 Reported: 04/30/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/26/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 1 @ 12 (H211079-07)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2021	ND	1.93	96.6	2.00	2.19	
Toluene*	<0.050	0.050	04/29/2021	ND	2.12	106	2.00	0.533	
Ethylbenzene*	<0.050	0.050	04/29/2021	ND	2.17	109	2.00	2.67	
Total Xylenes*	<0.150	0.150	04/29/2021	ND	6.23	104	6.00	2.45	
Total BTEX	<0.300	0.300	04/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	04/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/29/2021	ND	228	114	200	1.69	
DRO >C10-C28*	<10.0	10.0	04/29/2021	ND	200	99.8	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	04/29/2021	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/27/2021
 Reported: 04/30/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/26/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 1 @ 13 (H211079-08)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2021	ND	1.93	96.6	2.00	2.19	
Toluene*	<0.050	0.050	04/29/2021	ND	2.12	106	2.00	0.533	
Ethylbenzene*	<0.050	0.050	04/29/2021	ND	2.17	109	2.00	2.67	
Total Xylenes*	<0.150	0.150	04/29/2021	ND	6.23	104	6.00	2.45	
Total BTX	<0.300	0.300	04/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	04/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/29/2021	ND	228	114	200	1.69	
DRO >C10-C28*	<10.0	10.0	04/29/2021	ND	200	99.8	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	04/29/2021	ND					

Surrogate: 1-Chlorooctane 93.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/27/2021
 Reported: 04/30/2021
 Project Name: JENNA COM 1 SWD
 Project Number: NONE GIVEN
 Project Location: LONGFELLOW - EDDY CO NM

Sampling Date: 04/26/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 1 @ 14 (H211079-09)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2021	ND	1.93	96.6	2.00	2.19		
Toluene*	<0.050	0.050	04/29/2021	ND	2.12	106	2.00	0.533		
Ethylbenzene*	<0.050	0.050	04/29/2021	ND	2.17	109	2.00	2.67		
Total Xylenes*	<0.150	0.150	04/29/2021	ND	6.23	104	6.00	2.45		
Total BTEx	<0.300	0.300	04/29/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/29/2021	ND	228	114	200	1.69	
DRO >C10-C28*	<10.0	10.0	04/29/2021	ND	200	99.8	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	04/29/2021	ND					

Surrogate: 1-Chlorooctane 94.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.1 % 38.9-142

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services & Rentals LLC				BILL TO				ANALYSIS REQUEST													
Project Manager: John Farrell				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>BTEX</div> <div>TPH</div> <div>Chloride</div> </div>													
Address: 8426 N Dal Paso				Company: Longfellow																	
City: Hobbs St NM Zip 88241				Attn: Monty Ball																	
Phone #: 575 397-4961 Fax #:				Address: 16803 N Dallas Parkway																	
Project #: Project Owner: john@trinityoilfieldservices.com				City: Addison																	
Project Name: Jenna Com 1 SWD				State: TX Zip: 75001																	
Project Location: Eddy County, NM Pg 1 of 6				Phone #: 405 306 7989																	
Sampler Name: Granville Ramsey				Fax #:																	
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE:	ICE / COOL	OTHER	DATE	TIME							
H211079																					
1	SP3 028	6	1			X				X			4/26/2021	9:00	X	X	X				
2	SP3 029	6	1			X				X			4/26/2021	9:05	X	X	X				
3	SP3 030	6	1			X				X			4/26/2021	4:10	X	X	X				
4	SP2 019	6	1			X				X			4/26/2021	10:00	X	X	X				
5	SP2 020	6	1			X				X			4/26/2021	10:05	X	X	X				
6	SP2 021	6	1			X				X			4/26/2021	10:10	X	X	X				
7	SP1 012	6	1			X				X			4/26/2021	11:00	X	X	X				
8	SP1 013	6	1			X				X			4/26/2021	11:05	X	X	X				
9	SP1 014	6	1			X				X			4/26/2021	11:10	X	X	X				

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Relinquished By:	Date: 4/27	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: 2:45		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		
Delivered By: (Circle One)	Observed Temp. °C 1.3	Sample Condition	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Bacteria (only) Sample Condition
		Checked By: (Initials) T.O.	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No
			Observed Temp. °C
			Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

May 11, 2021

JOHN FARRELL

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: JENNA COM 1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 05/06/21 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 1 @ 1' (H211172-01)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74	
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25	
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70	
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18	
Total BTEX	<0.300	0.300	05/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 69.9-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	05/07/2021	ND	384	96.0	400	4.08	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	212	106	200	1.94	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	226	113	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 87.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.1 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 1 @ 2' (H211172-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74		
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25		
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70		
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18		
Total BTEx	<0.300	0.300	05/07/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1380	16.0	05/07/2021	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	212	106	200	1.94	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	226	113	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 80.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.1 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 1 @ 3' (H211172-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74		
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25		
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70		
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18		
Total BTEx	<0.300	0.300	05/07/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/07/2021	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	212	106	200	1.94	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	226	113	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 87.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.4 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 1 @ 4' (H211172-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74	
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25	
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70	
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18	
Total BTEx	<0.300	0.300	05/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	05/07/2021	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	212	106	200	1.94	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	226	113	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.4 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 2 @ 1' (H211172-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74		
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25		
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70		
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18		
Total BTEx	<0.300	0.300	05/07/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/07/2021	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	212	106	200	1.94	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	226	113	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 78.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.3 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 2 @ 2' (H211172-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74	
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25	
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70	
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18	
Total BTEX	<0.300	0.300	05/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1380	16.0	05/07/2021	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	212	106	200	1.94	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	226	113	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.7 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 2 @ 3' (H211172-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74		
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25		
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70		
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18		
Total BTEx	<0.300	0.300	05/07/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	05/07/2021	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	212	106	200	1.94	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	226	113	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.2 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 2 @ 4' (H211172-08)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74	
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25	
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70	
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18	
Total BTEx	<0.300	0.300	05/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/07/2021	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	212	106	200	1.94	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	226	113	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 88.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.0 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 3 @ 1' (H211172-09)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74	
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25	
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70	
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18	
Total BTEx	<0.300	0.300	05/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2021	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	212	106	200	1.94	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	226	113	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 84.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.1 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 3 @ 2' (H211172-10)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74	
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25	
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70	
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18	
Total BTEx	<0.300	0.300	05/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	212	106	200	1.94	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	226	113	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 87.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.5 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 3 @ 3' (H211172-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74		
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25		
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70		
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18		
Total BTEx	<0.300	0.300	05/07/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/07/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	206	103	200	2.56	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	204	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.5 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 3 @ 4' (H211172-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74	
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25	
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70	
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18	
Total BTEX	<0.300	0.300	05/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/07/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	206	103	200	2.56	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	204	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 95.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.4 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 4 @ 1' (H211172-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74		
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25		
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70		
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18		
Total BTEx	<0.300	0.300	05/07/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	206	103	200	2.56	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	204	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 97.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.3 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 4 @ 2' (H211172-14)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74	
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25	
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70	
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18	
Total BTEx	<0.300	0.300	05/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	206	103	200	2.56	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	204	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 98.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.4 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 4 @ 3' (H211172-15)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	5.74	
Toluene*	<0.050	0.050	05/07/2021	ND	2.00	100	2.00	6.25	
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	1.98	99.2	2.00	4.70	
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.87	97.8	6.00	4.18	
Total BTEx	<0.300	0.300	05/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/07/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	206	103	200	2.56	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	204	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 93.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.0 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/06/2021	Sampling Date:	04/30/2021
Reported:	05/11/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW JENNA COM 1 SWD	Sample Received By:	Tamara Oldaker
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: BACKGROUND 4 @ 4' (H211172-16)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/07/2021	ND	2.01	100	2.00	8.02		
Toluene*	<0.050	0.050	05/07/2021	ND	2.10	105	2.00	6.42		
Ethylbenzene*	<0.050	0.050	05/07/2021	ND	2.04	102	2.00	6.79		
Total Xylenes*	<0.150	0.150	05/07/2021	ND	5.91	98.5	6.00	6.76		
Total BTEx	<0.300	0.300	05/07/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/07/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2021	ND	206	103	200	2.56	
DRO >C10-C28*	<10.0	10.0	05/07/2021	ND	204	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2021	ND					

Surrogate: 1-Chlorooctane 98.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.3 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services & Rentals LLC Project Manager: John Farrell Address: 8426 N Dal Paso City: Hobbs St NM Zip 88241 Phone #: 575 397-4961 Fax #: Project #: Project Owner: john@trinityoilfieldservices.com Project Name: Longfellow Jenna Com 1 SWD Project Location: Eddy County, NM Sampler Name: Granville Ramsey Page 1 of 2				BILL TO P.O. #: Company: Gay USA Inc LONGFELLOW ENERGY PARTNERS Attn: Wade Dittich MONTE BELL Address: P.O. Box 4294 City: Houston DALLAS TX State: TX Zip: 77240 Phone #: 575 390 2828 Fax #:				ANALYSIS REQUEST																		
FOR LAB USE ONLY				MATRIX				PRESERV.		SAMPLING		BTEX TPH Chloride														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL													OTHER :	DATE	TIME
H211172																										
1	Background 1 @ 1'	G	1			X				X															4/30/2021	9:00
2	Background 1 @ 2'	G	1			X				X															4/30/2021	9:05
3	Background 1 @ 3'	G	1			X				X															4/30/2021	9:10
4	Background 1 @ 4'	G	1			X				X															4/30/2021	9:15
5	Background 2 @ 1'	G	1			X				X															4/30/2021	10:00
6	Background 2 @ 2'	G	1			X				X															4/30/2021	10:05
7	Background 3 @ 3'	G	1			X				X															4/30/2021	10:10
8	Background 2 @ 4'	G	1			X				X			4/30/2021	10:15												
9	Background 3 @ 1'	G	1			X				X			4/30/2021	11:00												
10	Background 3 @ 2'	G	1			X				X			4/30/2021	11:05												

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Relinquished By: Date: 5-6-21 Time: 1400		Received By: Date: Time:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:	
Relinquished By: Date: Time:		Received By: Date: Time:		REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -0.2 Corrected Temp. °C	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) TO.	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush Thermometer ID #97-#113 TO- Correction Factor +0.4°C-5/16/21	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: <i>[Signature]</i>		Date: <i>5/6/21</i>		Received By: <i>[Signature]</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
		Time: <i>1400</i>				All Results are emailed. Please provide Email address:	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C <i>-0.2</i>		Sample Condition		CHECKED BY: (Initials) <i>YO-</i>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Turnaround Time: <i>Standard</i> <input checked="" type="checkbox"/> <i>Rush</i> <input type="checkbox"/>	
						Thermometer ID <i>#113 T.O.</i>	
						Correction Factor <i>+0.4 °C</i> <i>3/16/21</i>	
						Bacteria (only) Sample Condition	
						Cool <input type="checkbox"/> Yes <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C	
						Corrected Temp. °C	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

May 12, 2021

JOHN FARRELL

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: JENNA COM 1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 05/07/21 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/07/2021	Sampling Date:	05/07/2021
Reported:	05/12/2021	Sampling Type:	Soil
Project Name:	JENNA COM 1 SWD	Sampling Condition:	Cool & Intact
Project Number:	LONGFELLOW	Sample Received By:	Jodi Henson
Project Location:	LONGFELLOW - EDDY CO NM		

Sample ID: SP 1 EAST WALL @ 2' (H211188-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	2.07	
Toluene*	<0.050	0.050	05/10/2021	ND	2.06	103	2.00	3.85	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	6.14	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	6.13	102	6.00	4.17	
Total BTEX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/11/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	224	112	200	3.87	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	215	107	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 91.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report


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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST																					
Company Name: Oxy USA, Inc Project Manager: John Farrell Address: 8426 N Dal Paso City: Hobbs Phone #: 575 390 7560 Project #: Jenna Com 1 SWD Project Name: Jenna Com 1 SWD Project Location: Sampler Name:				BILL TO P.O. #: Company: Longfellow Attn: Monty Ball Address: 16803 N Dallas Parkway City: Addison State: TX Zip: 75001 Phone #: 405 306 7989 Fax #:				ANALYSIS REQUEST																	
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																	
Lab I.D.		Sample I.D.		GIRAB OR (COMP. # CONTAINERS		GROUNDWATER WASTEWATER SOIL OIL SLUDGE		OTHER: ACID/BASE: ICE / COOL OTHER:		DATE		TIME		Chloride		TPH		BTEX							
1		Sp1 East wall @2		G		X		X		5/7/2021		9:00		X		X		X							
<p>analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>																									
Relinquished By:				Date: 5/7/21		Received By: Jodi Benson				Verbal Result: Yes No		Add'l Phone #:													
Relinquished By:				Date:		Received By:				REMARKS:															
Delivered By: (Circle One)				Observed Temp. °C 4.7		Sample Condition Cool Intact Yes No		CHECKED BY: (Initials) JA		Turnaround Time: Standard Rush		X		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C											
Sampler - UPS - Bus - Other:				Corrected Temp. °C						Thermometer ID: 113				Yes No Yes No Corrected Temp. °C											
† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabsnm.com																									



Project: JENNA.COM #001 SWD
Incident ID: NAPP2103458246

Date: Lat: 32.862263 Long: -104.0916748

Sample Identification					Titration		Quantab (Low)		Quantab (High)		Odor ID	Sample Information	
Sample Type	Sample Number	Direction	Depth	Soil Status	Silver Nitrate	Cl-ppm(mg/Kg)	QL Units	Cl-ppm(mg/L)	QH Units	Cl-ppm(mg/L)	TPH	Date	Notes
SP	1		0 "Surface"	In-Situ	4	11996.28					None	3/29/2021	
SP	1		1'	In-Situ	1.6	4798.51					None	3/29/2021	
SP	1		2'	In-Situ	1.3	3898.79					None	3/29/2021	
SP	1		3'	In-Situ	1	2999.07					None	3/29/2021	
SP	1		4'	In-Situ	0.8	2399.26					None	3/29/2021	
SP	1	W	2'	In-Situ	0.1	299.91					None	3/29/2021	
SP	1	N	2'	In-Situ	0.1	299.91					None	3/29/2021	
											None	3/29/2021	
SP	2	W	2'	In-Situ	0.1	299.91					None	3/29/2021	
SP	2	E	2'	In-Situ	0.05	149.95					None	3/29/2021	
SP	3	W	2'	In-Situ	0.1	299.91					None	3/29/2021	
SP	3	E	2'	In-Situ	0.1	299.91					None	3/29/2021	
SP	4	W	2'	In-Situ	0.05	149.95					None	3/29/2021	
SP	4	E	2'	In-Situ	0.1	299.91					None	3/29/2021	
SP	5	W	2'	In-Situ	0.1	299.91					None	3/29/2021	
SP	5	E	2'	In-Situ	0.1	299.91					None	3/29/2021	
SP	6	W	2'	In-Situ	0.1	299.91					None	3/29/2021	
SP	6	E	2'	In-Situ	0.05	149.95					None	3/29/2021	
SP	7	E	2'	In-Situ	0.05	149.95					None	3/29/2021	
SP	7	S	2'	In-Situ	0.1	299.91					None	3/29/2021	
SP	1	E	2'		0.3	899.72							
SP	8	N	2'		0.1	299.91							
SP	8	E	2'		0.1	299.91							
Bk	1		0 "Surface"		0.05	149.95							
Bk	1		1'		0.05	149.95							
Bk	1		2'		0.05	149.95							
Bk	1		3'		0.05	149.95							
Bk	1		4'		0.2	599.81							
Bk	1		5'		0.2	599.81							
Bk	1		6'		0.2	599.81							
Bk	1		7'		0.2	599.81							
Bk	1		8'		0.2	599.81							
SP	1	W	2'		0.35	1049.67							
SP	2	W	2'		0.35	1049.67							
SP	3	W	2'		0.7	2099.35							
SP	4	W	2'		0.6	1799.44							
SP	5	W	2'		0.45	1349.58							
SP	6	W	2'		0.45	1349.58							
SP	1		8'		0.35	1049.67							
SP	1		9'		0.35	1049.67							
SP	1		4'		0.45	1349.58							
SP	2		1'										
SP	2		2'										
SP	2		3'										
SP	2		4'		0.5	1499.54							
SP	2		5'										
SP	2		6'										
SP	2		8'		0.4	1199.63							
SP	2		11'		0.35	1049.67							



Project: JENNA.COM #001 SWD
Incident ID: NAPP2103458246

Date: Lat: 32.862263 Long: -104.0916748

Sample Identification					Titration		Quantab (Low)		Quantab (High)		Odor ID	Sample Information	
Sample Type	Sample Number	Direction	Depth	Soil Status	Silver Nitrate	Cl-ppm(mg/Kg)	QL Units	Cl-ppm(mg/L)	QH Units	Cl-ppm(mg/L)	TPH	Date	Notes
SP	3		11'		1.6	4798.51							
SP	3		1'										
SP	3		2'										
SP	3		3'										
SP	3		4'		0.7	2099.35							
SP	3		5'		0.5	1499.54							
SP	4		11'		0.15	449.86							
SP	4		1'										
SP	4		2'										
SP	4		3'										
SP	4		4'		0.45	1349.58							
SP	4		5'										
SP	5		0 "Surface"										
SP	5		1'										
SP	5		2'										
SP	5		3'										
SP	5		4'		0.3	899.72							
SP	5		11'		0.35	1049.67							
SP	6		0 "Surface"										
SP	6		1'										
SP	6		2'										
SP	6		3'										
SP	6		4'		0.3	899.72							
SP	6		11'		0.35	1049.67							
SP	7		0 "Surface"										
SP	7		1'										
SP	7		2'										
SP	7		4'		0.3	899.72							
SP	7		10'		0.15	449.86							
SP	7		11'		0.15	449.86							
Trench	1	E	2'		0.35	1049.67							
Trench	2	E	2'		0.3	899.72							
Trench	3	E	2'		0.65	1949.40							
Trench	4	E	2'		0.6	1799.44							
Trench	5	E	2'		0.5	1499.54							
Trench	6	E	2'		0.45	1349.58							
SP	8		4'		0.15	449.86							
SP	8		11'		0.35	1049.67							
SP	9	W	2'		0.15	449.86							
SP	9	S	2'		0.15	449.86							
SP	9		11'		0.15	449.86							
SP	1		1'		0.95	2849.12							
SP	1		5'		0.4	1199.63							
SP	2		1'		0.55	1649.49							
SP	2		5'		0.55	1649.49							



Project: JENNA.COM #001 SWD
Incident ID: NAPP2103458246

Date: Lat: 32.862263 Long: -104.0916748

Sample Identification					Titration		Quantab (Low)		Quantab (High)		Odor ID	Sample Information	
Sample Type	Sample Number	Direction	Depth	Soil Status	Silver Nitrate	Cl-ppm(mg/Kg)	QL Units	Cl-ppm(mg/L)	QH Units	Cl-ppm(mg/L)	TPH	Date	Notes
SP	2		10'		0.5	1499.54							
SP	3		1'		0.9	2699.16							
SP	3		10'		1.1	3298.98							
SP	3		11'		1.6	4798.51							
SP	4		1'		0.55	1649.49							
SP	4		5'		0.4	1199.63							
SP	4		8'		0.4	1199.63							
SP	4		10'		0.15	449.86							
SP	5		1'		0.5	1499.54							
SP	5		5'		0.65	1949.40							
SP	5		8'		0.25	749.77							
SP	5		10'		0.25	749.77							
SP	6		1'		0.35	1049.67							
SP	6		5'		0.3	899.72							
SP	6		8'		0.15	449.86							
SP	6		9'		0.15	449.86							
SP	7		1'		0.65	1949.40							
SP	7		5'		0.3	899.72							
SP	7		8'		0.3	899.72							
SP	8		1'		0.65	1949.40							
SP	8		4'		0.15	449.86							
SP	8		5'		0.15	449.86							
SP	9		1'		0.3	899.72							
SP	9		4'		0.25	749.77							
SP	9		5'		0.25	749.77							
SP	9		9'		0.2	599.81							
SP	9		10'		0.15	449.86							
SP	9		11'		0.15	449.86							
SP	3	Vert	12'	Excavated			7.6	2,280.00			None	4/26/2021	
SP	3	Vert	13'	Excavated			7.2	1,972.00			None	4/26/2021	
SP	3	Vert	14'	Excavated			6.8	1,716.00			None	4/26/2021	
SP	3	Vert	15'	Excavated			5	904.00			None	4/26/2021	
SP	3	Vert	16'	Excavated			4.6	776.00			None	4/26/2021	
SP	3	Vert	17'	Excavated			4.6	776.00			None	4/26/2021	
SP	3	Vert	18'	Excavated			4.4	712.00			None	4/26/2021	
SP	3	Vert	19'	Excavated			5	904.00			None	4/26/2021	
SP	3	Vert	20'	Excavated			4.4	712.00			None	4/26/2021	
SP	3	Vert	21'	Excavated			4.4	712.00			None	4/26/2021	
SP	3	Vert	22'	Excavated			3.4	448.00			None	4/26/2021	
SP	3	Vert	23'	Excavated			3.8	548.00			None	4/26/2021	
SP	3	Vert	24'	Excavated			7	1,840.00			None	4/26/2021	
SP	3	Vert	25'	Excavated			7	1,840.00			None	4/26/2021	
SP	3	Vert	26'	Excavated	0.3	899.72					None	4/26/2021	
SP	3	Vert	27'	Excavated			3.8	548.00			None	4/26/2021	
SP	3	Vert	28'	Excavated	0.25	749.77					None	4/26/2021	
SP	3	Vert	29'	Excavated	0.1	299.91					None	4/26/2021	
SP	3	Vert	30'	Excavated	0.15	449.86					None	4/26/2021	
SP	2	Vert	12'	Excavated			4.8	840.00			None	4/26/2021	
SP	2	Vert	13'	Excavated			4.8	840.00			None	4/26/2021	



Project:	JENNA COM #001 SWD
Incident ID	NAPP2103458246

Date: _____ **Lat:** 32.862263 **Long:** -104.0916748

Sample Identification					Titration		Quantab (Low)		Quantab (High)		Odor ID	Sample Information	
Sample Type	Sample Number	Direction	Depth	Soil Status	Silver Nitrate	Cl-ppm(mg/Kg)	QL Units	Cl-ppm(mg/L)	QH Units	Cl-ppm(mg/L)	TPH	Date	Notes
SP	2	Vert	14'	Excavated			3.8	548.00			None	4/26/2021	
SP	2	Vert	15'	Excavated			4.8	840.00			None	4/26/2021	
SP	2	Vert	16'	Excavated			4.8	840.00			None	4/26/2021	
SP	2	Vert	17'	Excavated			1.8	156.00			None	4/26/2021	
SP	2	Vert	18'	Excavated			4.6	776.00			None	4/26/2021	
SP	2	Vert	19'	Excavated	0.3	899.72					None	4/26/2021	
SP	2	Vert	20'	Excavated	0.15	449.86					None	4/26/2021	
SP	2	Vert	21'	Excavated	0.1	299.91					None	4/26/2021	
SP	1	Vert	12'	Excavated	0.4	1199.63					None	4/26/2021	
SP	1	Vert	13'	Excavated	0.15	449.86					None	4/26/2021	
SP	1	Vert	14'	Excavated	0.15	449.86					None	4/26/2021	

Incident ID	NAPP2103458246
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: David CainTitle: Regulatory ManagerSignature: Date: 7/29/2021email: david.cain@longfellowenergy.comTelephone: (214) 265-4715**OCD Only**Received by: Robert Hamlet Date: 10/29/2021☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature: Robert HamletDate: 10/29/2021

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

CONDITIONS

Action 18864

CONDITIONS

Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 18864
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is approved with the following conditions: In pasture area, floor/sidewall samples within top 4 feet need to meet closure criteria standards of <50' depth to groundwater from Table 1 of the spill rule. Variance for liner is approved at 4 ft below ground surface. Please make sure the edges/sidewalls are delineated/excavated to 600 mg/kg for chlorides. Please collect confirmation samples, representing no more than 200 ft2. Future reference, background samples should never be taken on or near a road. How would a responsible party obtain information to determine background? A grab, not composite, sample(s) should be gathered in areas undisturbed by oil and gas activities, nominally uphill from the release area, and no closer than 50 feet but no farther than 100 feet from the lateral and horizontal extents of a release's impact. The background sampling should be representative of the entire horizontal and vertical extent of the release.	10/29/2021