

Incident ID	NAPP2209755705
District RP	
Facility ID	
Application ID	


## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Connor Walker Title: Sr. Engineer  
Signature:  Date: 02/06/2023  
email: cwalker@mewbourne.com Telephone: 806-202-5281

**OCD Only**

Received by: Jocelyn Harimon Date: 02/06/2023

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

Closure Approved by: Robert Hamlet Date: 6/8/2023  
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



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

December 16, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: HOSS 2 - 11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/13/22 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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](http://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 "Coley D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-001-00.0-V-S (H225873-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2022	ND	2.04	102	2.00	2.43	
Toluene*	<0.050	0.050	12/14/2022	ND	2.14	107	2.00	2.42	
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.13	106	2.00	5.35	
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.55	109	6.00	4.42	
Total BTEX	<0.300	0.300	12/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	176	16.0	12/14/2022	ND	416	104	400	3.77		

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	12/14/2022	ND	203	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	191	95.3	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 89.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.1 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-001-01.0-V-S (H225873-02)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2022	ND	2.04	102	2.00	2.43		
Toluene*	<0.050	0.050	12/14/2022	ND	2.14	107	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.13	106	2.00	5.35		
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.55	109	6.00	4.42		
Total BTEX	<0.300	0.300	12/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	1820	16.0	12/14/2022	ND	416	104	400	3.77		

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	12/14/2022	ND	203	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	191	95.3	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.0 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-001-02.0-V-S (H225873-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2022	ND	2.07	103	2.00	3.64		
Toluene*	<0.050	0.050	12/14/2022	ND	2.08	104	2.00	2.86		
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.02	101	2.00	4.12		
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.20	103	6.00	4.53		
Total BTEX	<0.300	0.300	12/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	752	16.0	12/14/2022	ND	416	104	400	3.77		

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	12/14/2022	ND	203	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	191	95.3	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.7 % 46.3-178

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-001-03.0-V-S (H225873-04)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2022	ND	2.07	103	2.00	3.64	
Toluene*	<0.050	0.050	12/14/2022	ND	2.08	104	2.00	2.86	
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.02	101	2.00	4.12	
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.20	103	6.00	4.53	
Total BTEx	<0.300	0.300	12/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	12/14/2022	ND	400	100	400	7.69		

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	12/14/2022	ND	203	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	191	95.3	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.5 % 46.3-178

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-001-04.0-V-S (H225873-05)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2022	ND	2.07	103	2.00	3.64		
Toluene*	<0.050	0.050	12/14/2022	ND	2.08	104	2.00	2.86		
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.02	101	2.00	4.12		
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.20	103	6.00	4.53		
Total BTEx	<0.300	0.300	12/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/14/2022	ND	400	100	400	7.69		

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	12/14/2022	ND	203	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	191	95.3	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.0 % 46.3-178

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\*=Accredited Analyte

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-002-00.0-V-S (H225873-06)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2022	ND	2.07	103	2.00	3.64		
Toluene*	<0.050	0.050	12/14/2022	ND	2.08	104	2.00	2.86		
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.02	101	2.00	4.12		
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.20	103	6.00	4.53		
Total BTEX	<0.300	0.300	12/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/14/2022	ND	400	100	400	7.69		

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	12/14/2022	ND	203	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	191	95.3	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 80.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.0 % 46.3-178

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\*=Accredited Analyte

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-002-01.0-V-S (H225873-07)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2022	ND	2.07	103	2.00	3.64	
Toluene*	<0.050	0.050	12/14/2022	ND	2.08	104	2.00	2.86	
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.02	101	2.00	4.12	
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.20	103	6.00	4.53	
Total BTEx	<0.300	0.300	12/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	12/14/2022	ND	400	100	400	7.69		

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	12/14/2022	ND	203	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	191	95.3	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.9 % 46.3-178

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\*=Accredited Analyte

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-002-02.0-V-S (H225873-08)**

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	12/14/2022	ND	2.20	110	2.00	8.16	
Toluene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.11	
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.28	
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.66	111	6.00	3.66	
Total BTEX	<0.300	0.300	12/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	224	16.0	12/14/2022	ND	400	100	400	7.69		

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	12/14/2022	ND	203	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	191	95.3	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.9 % 46.3-178

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\*=Accredited Analyte

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-002-03.0-V-S (H225873-09)**

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	12/14/2022	ND	2.20	110	2.00	8.16		
Toluene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.11		
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.28		
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.66	111	6.00	3.66		
Total BTEX	<0.300	0.300	12/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	128	16.0	12/14/2022	ND	400	100	400	7.69		

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	12/14/2022	ND	203	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	191	95.3	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 76.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.1 % 46.3-178

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-002-04.0-V-S (H225873-10)**

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	12/14/2022	ND	2.20	110	2.00	8.16		
Toluene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.11		
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.28		
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.66	111	6.00	3.66		
Total BTEx	<0.300	0.300	12/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/14/2022	ND	400	100	400	7.69		

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	12/14/2022	ND	203	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	191	95.3	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 67.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 66.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-003-00.0-V-S (H225873-11)**

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	12/14/2022	ND	2.20	110	2.00	8.16	
Toluene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.11	
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.28	
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.66	111	6.00	3.66	
Total BTEX	<0.300	0.300	12/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	544	16.0	12/14/2022	ND	400	100	400	7.69		

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	12/14/2022	ND	203	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	191	95.3	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 79.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-003-01.0-V-S (H225873-12)**

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	12/14/2022	ND	2.20	110	2.00	8.16	
Toluene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.11	
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.28	
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.66	111	6.00	3.66	
Total BTEX	<0.300	0.300	12/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	80.0	16.0	12/14/2022	ND	400	100	400	7.69		

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	12/14/2022	ND	203	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	191	95.3	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 74.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-003-02.0-V-S (H225873-13)**

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	12/14/2022	ND	2.20	110	2.00	8.16		
Toluene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.11		
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.28		
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.66	111	6.00	3.66		
Total BTEX	<0.300	0.300	12/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	96.0	16.0	12/14/2022	ND	400	100	400	7.69		

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	12/14/2022	ND	203	101	200	0.291	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	191	95.3	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-003-03.0-V-S (H225873-14)**

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	12/14/2022	ND	2.20	110	2.00	8.16	
Toluene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.11	
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.28	
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.66	111	6.00	3.66	
Total BTEX	<0.300	0.300	12/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	12/14/2022	ND	400	100	400	7.69		

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	12/14/2022	ND	214	107	200	6.04	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	188	94.2	200	0.935	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 81.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/13/2022  
 Reported: 12/16/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP-003-04.0-V-S (H225873-15)**

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	12/14/2022	ND	2.20	110	2.00	8.16		
Toluene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.11		
Ethylbenzene*	<0.050	0.050	12/14/2022	ND	2.20	110	2.00	3.28		
Total Xylenes*	<0.150	0.150	12/14/2022	ND	6.66	111	6.00	3.66		
Total BTEX	<0.300	0.300	12/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-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	12/14/2022	ND	400	100	400	7.69		

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	12/14/2022	ND	214	107	200	6.04	
DRO >C10-C28*	<10.0	10.0	12/14/2022	ND	188	94.2	200	0.935	
EXT DRO >C28-C36	<10.0	10.0	12/14/2022	ND					

Surrogate: 1-Chlorooctane 76.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.4 % 46.3-178

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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: Trinity Oilfield Services		P.O. #:		BILL TO		ANALYSIS REQUEST					
Project Manager: Dan Dunkelberg		Company:		Newbourne Oil Co.							
Address: 8426 N Dal Paso		Attn:		Cormor Walker							
City: Hobbs		State: NM Zip: 88241		Address:							
Phone #:		Fax #:		City:							
Project #:		Project Owner: (see below)		State:		Zip:					
Project Name: HOSS 2-11 BATTERY		dan@trinityoilfieldservices.com		Phone #:							
Project Location: Lea Co., NM		Fax #:									
Sampler Name: KA		PRESERV.		SAMPLING							
FOR LAB USE ONLY		MATRIX		DATE							
Lab I.D. H25873		Sample I.D.		(G)RAB OR (C)OMP.							
1		SP-001-00.0-V-S		G 1		X		X		X	
2		SP-001-01.0-V-S		G 1		X		X		X	
3		SP-001-02.0-V-S		G 1		X		X		X	
4		SP-001-03.0-V-S		G 1		X		X		X	
5		SP-001-04.0-V-S		G 1		X		X		X	
6		SP-002-00.0-V-S		G 1		X		X		X	
7		SP-002-01.0-V-S		G 1		X		X		X	
8		SP-002-02.0-V-S		G 1		X		X		X	
9		SP-002-03.0-V-S		G 1		X		X		X	
10		SP-002-04.0-V-S		G 1		X		X		X	
Relinquished By: [Signature]		Date: 12/13/2022		Time: 1410		Received By: [Signature]		Date: 12/12/2022		Time: 1212	
Relinquished By:		Date:		Time:		Received By:		Date:		Time:	
Delivered By: (Circle One)		Observed Temp. °C		Corrected Temp. °C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:	
Sampler - UPS - Bus - Other:		-3.6°C		-4.2°C		Cool Intact Yes No		[Signature]		Thermometer ID #113	
										Correction Factor -0.6 °C	
										Standard X	
										Bacteria (only) Sample Condition	
										Cool Intact Yes No	
										Observed Temp. °C	
										Corrected Temp. °C	

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



Page 19 of 19





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

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December 21, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: HOSS 2 - 11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/15/22 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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](http://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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	12/15/2022	Sampling Date:	12/13/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	HOSS 2 - 11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

**Sample ID: CF-001-02.0-NA-P (H225947-01)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.14	107	2.00	3.86		
Toluene*	<0.050	0.050	12/20/2022	ND	2.31	115	2.00	4.39		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.27	113	2.00	3.23		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.94	116	6.00	2.04		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	64.0	16.0	12/19/2022	ND	432	108	400	7.69		

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	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.8 % 46.3-178

Cardinal Laboratories

\*=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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-002-02.0-NA-P (H225947-02)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.14	107	2.00	3.86		
Toluene*	<0.050	0.050	12/20/2022	ND	2.31	115	2.00	4.39		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.27	113	2.00	3.23		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.94	116	6.00	2.04		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	64.0	16.0	12/19/2022	ND	432	108	400	7.69		

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	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 80.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.7 % 46.3-178

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\*=Accredited Analyte

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-003-02.0-NA-P (H225947-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.14	107	2.00	3.86		
Toluene*	<0.050	0.050	12/20/2022	ND	2.31	115	2.00	4.39		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.27	113	2.00	3.23		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.94	116	6.00	2.04		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	12/19/2022	ND	432	108	400	7.69		

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	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-004-02.0-NA-P (H225947-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	80.0	16.0	12/19/2022	ND	432	108	400	7.69		

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	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-005-02.0-NA-P (H225947-05)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	12/19/2022	ND	432	108	400	7.69		

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	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 69.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-006-02.0-NA-P (H225947-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	64.0	16.0	12/19/2022	ND	432	108	400	7.69		

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	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.8 % 46.3-178

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\*=Accredited Analyte

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-007-02.0-NA-P (H225947-07)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	12/19/2022	ND	432	108	400	7.69		

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	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 78.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.9 % 46.3-178

Cardinal Laboratories

\*=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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-008-02.0-NA-P (H225947-08)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	12/19/2022	ND	432	108	400	7.69		

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	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 73.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.6 % 46.3-178

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\*=Accredited Analyte

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-009-02.0-NA-P (H225947-09)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	32.0	16.0	12/19/2022	ND	432	108	400	7.69		

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	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-010-02.0-NA-P (H225947-10)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	32.0	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 74.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-011-02.0-NA-S (H225947-11)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-023-04.0-NA-S (H225947-12)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58	
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35	
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54	
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17	
Total BTX	<0.300	0.300	12/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	128	16.0	12/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-024-04.0-NA-S (H225947-13)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEx	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-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	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 72.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-025-04.0-NA-S (H225947-14)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	80.0	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 74.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-026-04.0-NA-S (H225947-15)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEx	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 77.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-027-04.0-NA-S (H225947-16)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58	
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35	
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54	
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17	
Total BTX	<0.300	0.300	12/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-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	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 68.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 70.3 % 46.3-178

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\*=Accredited Analyte

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-028-04.0-NA-S (H225947-17)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEx	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	112	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 77.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-029-04.0-NA-S (H225947-18)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 76.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-030-04.0-NA-S (H225947-19)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58	
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35	
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54	
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17	
Total BTEX	<0.300	0.300	12/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 71.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-031-04.0-NA-S (H225947-20)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEx	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	194	97.2	200	4.41	QM-07
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	QM-07
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					QM-07

Surrogate: 1-Chlorooctane 68.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 72.9 % 46.3-178

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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-032-04.0-NA-S (H225947-21)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	112	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 55.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 58.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-033-04.0-NA-S (H225947-22)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 70.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-034-04.0-NA-S (H225947-23)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	3.58		
Toluene*	<0.050	0.050	12/20/2022	ND	2.20	110	2.00	3.35		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.17	108	2.00	3.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.63	110	6.00	3.17		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	80.0	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 59.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 63.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CW-001-02.0-NA-S (H225947-24)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEx	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 75.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.4 % 46.3-178

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CW-002-02.0-NA-S (H225947-25)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEx	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 70.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CW-004-01.0-NA-S (H225947-26)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	96.0	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 67.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 71.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-021-03.0-NA-S (H225947-27)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 70.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-022-03.0-NA-S (H225947-28)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEx	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	96.0	16.0	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 75.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/14/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-012-02.0-NA-P (H225947-29)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEx	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-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	12/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/14/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-013-02.0-NA-P (H225947-30)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	128	16.0	12/20/2022	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	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 73.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/14/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-014-02.0-NA-P (H225947-31)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEx	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-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	12/20/2022	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	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 78.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/14/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-015-02.0-NA-P (H225947-32)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-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	12/20/2022	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	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.0 % 46.3-178

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\*=Accredited Analyte

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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  
 DAN DUNKELBERG  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/14/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-016-02.0-NA-P (H225947-33)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEx	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/20/2022	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	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 75.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/14/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-017-02.0-NA-P (H225947-34)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	12/20/2022	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	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 73.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/14/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-018-03.0-NA-S (H225947-35)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	12/20/2022	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	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 74.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/14/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-019-03.0-NA-S (H225947-36)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEx	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/20/2022	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	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 75.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/14/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-020-03.0-NA-S (H225947-37)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	32.0	16.0	12/20/2022	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	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 71.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/14/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CW-003-02.0-NA-S (H225947-38)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEx	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/20/2022	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	12/20/2022	ND	194	97.2	200	4.41	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.5	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 69.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/14/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CW-005-01.0-NA-P (H225947-39)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEX	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	32.0	16.0	12/20/2022	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	12/20/2022	ND	225	112	200	3.37	QM-07
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	208	104	200	2.10	QM-07
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					QM-07

Surrogate: 1-Chlorooctane 84.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 12/15/2022  
 Reported: 12/21/2022  
 Project Name: HOSS 2 - 11 BATTERY  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO NM

Sampling Date: 12/14/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CW-006-02.0-NA-S (H225947-40)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2022	ND	2.16	108	2.00	8.77		
Toluene*	<0.050	0.050	12/20/2022	ND	2.25	112	2.00	6.85		
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.28	114	2.00	4.54		
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.90	115	6.00	4.37		
Total BTEx	<0.300	0.300	12/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-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	12/20/2022	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	12/20/2022	ND	225	112	200	3.37	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	208	104	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 79.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.5 % 46.3-178

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### Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

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

A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

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**CARDINAL Laboratories**

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services				BILL TO				ANALYSIS REQUEST			
Project Manager: Dan Dunkelberg				P.O. #:							
Address: 8426 N Dal Paso				Company: Westbourne Oil Co.							
City: Hobbs				Attn: Connor Walker							
State: NM Zip: 88241				Address:							
Phone #: Fax #:				City:							
Project #:				Project Owner: (see below)							
Project Name: HOSS 2-11 BATTERY				dan@trinityoilfieldservices.com							
Project Location: Lea Co., NM				State: Zip:							
Sample Name: KA				Phone #: Fax #:							
FOR LAB USE ONLY				Matrix				PRESERV. SAMPLING			
				(G)RAB OR (C)OMP.							
				# CONTAINERS							
				GROUNDWATER							
				WASTEWATER							
				SOIL							
				OIL							
				SLUDGE							
				OTHER :							
				ACID/BASE:							
				ICE / COOL							
				OTHER :							
Lab I.D.				DATE				TIME			
Sample I.D.											
11 CF-011-02.0-NA-S				C 1 X				X Chloride			
12 CF-023-04.0-NA-S				C 1 X				X TPH			
13 CF-024-04.0-NA-S				C 1 X				X BTEX			
14 CF-025-04.0-NA-S				C 1 X							
15 CF-026-04.0-NA-S				C 1 X							
16 CF-027-04.0-NA-S				C 1 X							
17 CF-028-04.0-NA-S				C 1 X							
18 CF-029-04.0-NA-S				C 1 X							
19 CF-030-04.0-NA-S				C 1 X							
20 CF-031-04.0-NA-S				C 1 X							
				12/13/2022							
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 analysis. 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 analysis. 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.											
Relinquished By:				Date: Time: Received By:				Verbal Result: Yes No Add'l Phone #:			
Relinquished By:				Date: Time: Received By:				All Results are emailed. Please provide Email address:			
REMARKS:											
Delivered By: (Circle One)				Observed Temp. °C Corrected Temp. °C				Sample Condition Cool Intact Checked BY: (Initials)			
Sampler - UPS - Bus - Other:				1.5°C 0.9				Turnaround Time: Standard Rush X			
				Thermometer ID #113 Correction Factor -0.5 °C				Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Corrected Temp. °C			



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Incident ID	NAPP2209755705
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<50 (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 <b>not</b> 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.




State of New Mexico  
Oil Conservation Division

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Incident ID	NAPP2209755705
District RP	
Facility ID	
Application ID	

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: Connor Walker Title: Sr. Engineer  
Signature:  Date: 02/06/2023  
email: cwalker@mewbourne.com Telephone: 806-202-5281

**OCD Only**

Received by: Jocelyn Harimon Date: 02/06/2023

Incident ID	NAPP2209755705
District RP	
Facility ID	
Application ID	


## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Connor Walker Title: Sr. Engineer  
Signature:  Date: 02/06/2023  
email: cwalker@mewbourne.com Telephone: 806-202-5281

**OCD Only**

Received by: Jocelyn Harimon Date: 02/06/2023

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

# Trinity Oilfield Services & Rentals, LLC



January 20<sup>th</sup>, 2022

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

Re: **Closure Request**  
**Hoss 2-11 Battery Frac Line**  
**Tracking #: NAPP2209755705**

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

Site Information	
Incident ID	NAPP2209755705
Site Name	Hoss 2-11 Battery Frac Line
Company	Mewbourne Oil Co.
County	Eddy
ULSTR	O-35-24S-28E
GPS Coordinates (NAD 83)	32.166843, -104.056126
Landowner	Private

## RELEASE BACKGROUND

On 4/7/2022, Mewbourne Oil Co. reported a release at the Hoss 2-11 Battery Frac Line. The release was caused when a lay flat frac line failed and came apart at a connection. Approximately 3,294 sqft. of the Pad and Pasture was found to be damp upon initial inspection.

Release Information	
Date of Release	3/24/2022
Type of Release	Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	18 bbls
Volume Recovered – Produced Water	0 bbls
Volume Released – Crude Oil	0 bbls
Volume Recovered – Crude Oil	0 bbls
Affected Area – Damp Soil	Pad and Pasture - Approximately 3,294 sqft.
Site Location Map	Attached

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

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

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

**General Site Characterization:**

<b>Site Assessment</b>	
Karst Potential	High
Distance to Watercourse	> 1000 ft.
Within 100 yr Floodplain	No
Pasture Impact	Yes

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

**Closure Criteria:**

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

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

## INITIAL ASSESSMENT AND REMEDIATION ACTIVITIES

### Initial Sample Activities:

Delineation Summary	
Delineation Dates	12/12/2022
Depths Sampled	0' - 4'
Delineation Map	Attached
Laboratory Results	Table 1

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

### Confirmation Activities:

Remediation Summary	
Remediation Dates	12/13/2022 - 12/14/2022
Depths Excavated	1' - 4'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqft.
Total Volume of Excavated Soil	348 yards
Remediation Map	Attached
Laboratory Results	Table 2

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

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

## SITE RECLAMATION AND RESTORATION

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

**REQUEST FOR CLOSURE**

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

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

Sincerely,

*Dan Dunkelberg*  
Dan Dunkelberg  
Project Manager

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



**MEWBOURNE OIL CO.**  
**HOSS 2-11 BATTERY FRAC LINE**  
**EDDY COUNTY, NEW MEXICO**  
**NMOCD REFERENCE #: NAPP2209755705**

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
Delineation Special circumstances, On-Site, & Deeper than 4' Pasture					600	2500	1000	NE	NE	NE	50	10
NMOCD Delineation Limits Pasture to 4' & Walls					600	100	NE	NE	NE	NE	50	10
Vertical Delineation												
SP-001-00.0-V-S	0	12/12/2022	Grab	Excavated	176.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-001-01.0-V-S	1	12/12/2022	Grab	Excavated	1,820.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-001-02.0-V-S	2	12/12/2022	Grab	Excavated	752.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-001-03.0-V-S	3	12/12/2022	Grab	Excavated	336.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-001-04.0-V-S	4	12/12/2022	Grab	In-situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-00.0-V-S	0	12/12/2022	Grab	Excavated	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-01.0-V-S	1	12/12/2022	Grab	Excavated	1,040.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-02.0-V-S	2	12/12/2022	Grab	Excavated	224.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-03.0-V-S	3	12/12/2022	Grab	Excavated	128.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-04.0-V-S	4	12/12/2022	Grab	In-situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-00.0-V-S	0	12/12/2022	Grab	Excavated	544.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-01.0-V-S	1	12/12/2022	Grab	Excavated	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-02.0-V-S	2	12/12/2022	Grab	Excavated	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-03.0-V-S	3	12/12/2022	Grab	Excavated	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-04.0-V-S	4	12/12/2022	Grab	In-situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

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



**MEWBOURNE OIL CO.**  
**HOSS 2-11 BATTERY FRAC LINE**  
**EDDY COUNTY, NEW MEXICO**  
**NMOCD REFERENCE #: NAPP2209755705**

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
<b>NMOCD Closure Limits Pad</b>					<b>600</b>	<b>100</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>50</b>	<b>10</b>
<b>NMOCD Closure Limits Pasture to 4' &amp; Walls</b>					<b>600</b>	<b>100</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>50</b>	<b>10</b>
<b>Remediation Floors</b>												
CF-001-02.0-NA-P	2	12/13/2022	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-002-02.0-NA-P	2	12/13/2022	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-003-02.0-NA-P	2	12/13/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-004-02.0-NA-P	2	12/13/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-005-02.0-NA-P	2	12/13/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-006-02.0-NA-P	2	12/13/2022	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-007-02.0-NA-P	2	12/13/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-008-02.0-NA-P	2	12/13/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-009-02.0-NA-P	2	12/13/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-010-02.0-NA-P	2	12/13/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-011-02.0-NA-S	2	12/13/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-012-02.0-NA-P	2	12/14/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-013-02.0-NA-P	2	12/14/2022	Composite	In-Situ	128.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-014-02.0-NA-P	2	12/14/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-015-02.0-NA-P	2	12/14/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-016-02.0-NA-P	2	12/14/2022	Composite	In-Situ	144.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-017-02.0-NA-P	2	12/14/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-018-03.0-NA-S	3	12/14/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-019-03.0-NA-S	3	12/14/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-020-03.0-NA-S	3	12/14/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-021-03.0-NA-S	3	12/13/2022	Composite	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-022-03.0-NA-S	3	12/13/2022	Composite	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-023-04.0-NA-S	4	12/13/2022	Composite	In-Situ	128.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-024-04.0-NA-S	4	12/13/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-025-04.0-NA-S	4	12/13/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050



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

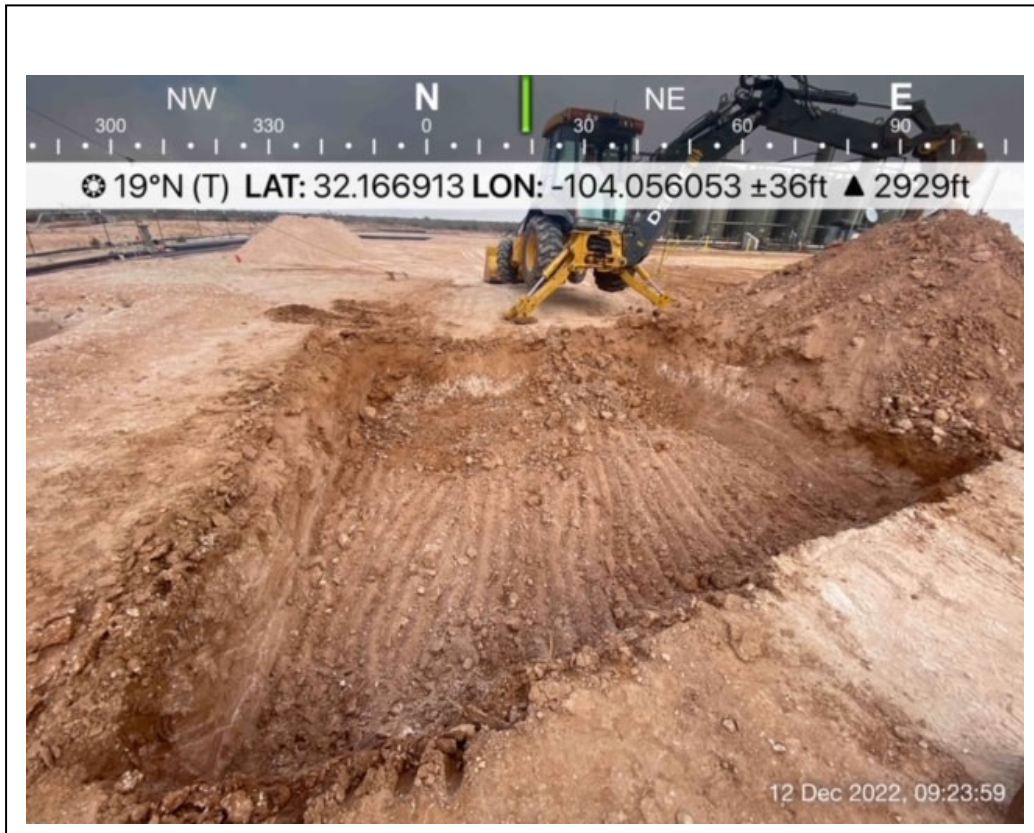


**MEWBOURNE OIL CO.**  
**HOSS 2-11 BATTERY FRAC LINE**  
**EDDY COUNTY, NEW MEXICO**  
**NMOCD REFERENCE #: NAPP2209755705**

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
<b>NMOCD Closure Limits Pad</b>					<b>600</b>	<b>100</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>50</b>	<b>10</b>
<b>NMOCD Closure Limits Pasture to 4' &amp; Walls</b>					<b>600</b>	<b>100</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>50</b>	<b>10</b>
CF-026-04.0-NA-S	4	12/13/2022	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-027-04.0-NA-S	4	12/13/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-028-04.0-NA-S	4	12/13/2022	Composite	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-029-04.0-NA-S	4	12/13/2022	Composite	In-Situ	144.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-030-04.0-NA-S	4	12/13/2022	Composite	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-031-04.0-NA-S	4	12/13/2022	Composite	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-032-04.0-NA-S	4	12/13/2022	Composite	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-033-04.0-NA-S	4	12/13/2022	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-034-04.0-NA-S	4	12/13/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
<b>Remediation Walls</b>												
CW-001-02.0-NA-S	2	12/13/2022	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-002-02.0-NA-S	2	12/13/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-003-02.0-NA-S	2	12/14/2022	Composite	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-004-01.0-NA-S	1	12/13/2022	Composite	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-005-01.0-NA-P	1	12/14/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-006-02.0-NA-S	2	12/14/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050



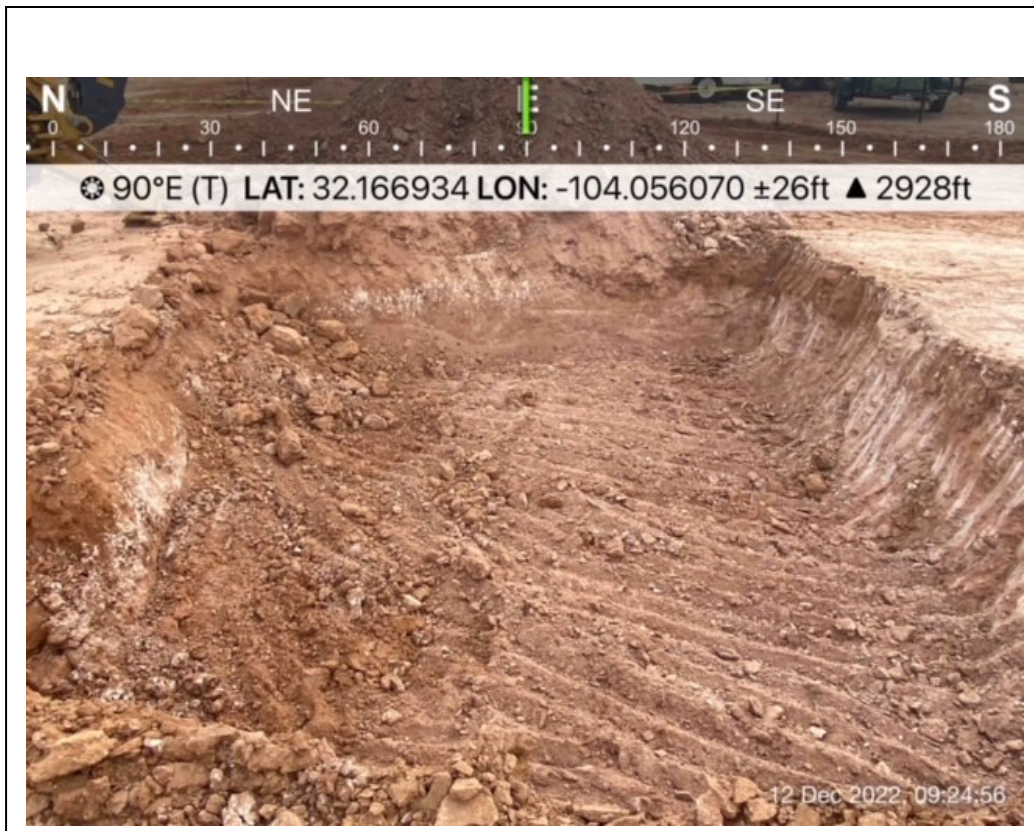
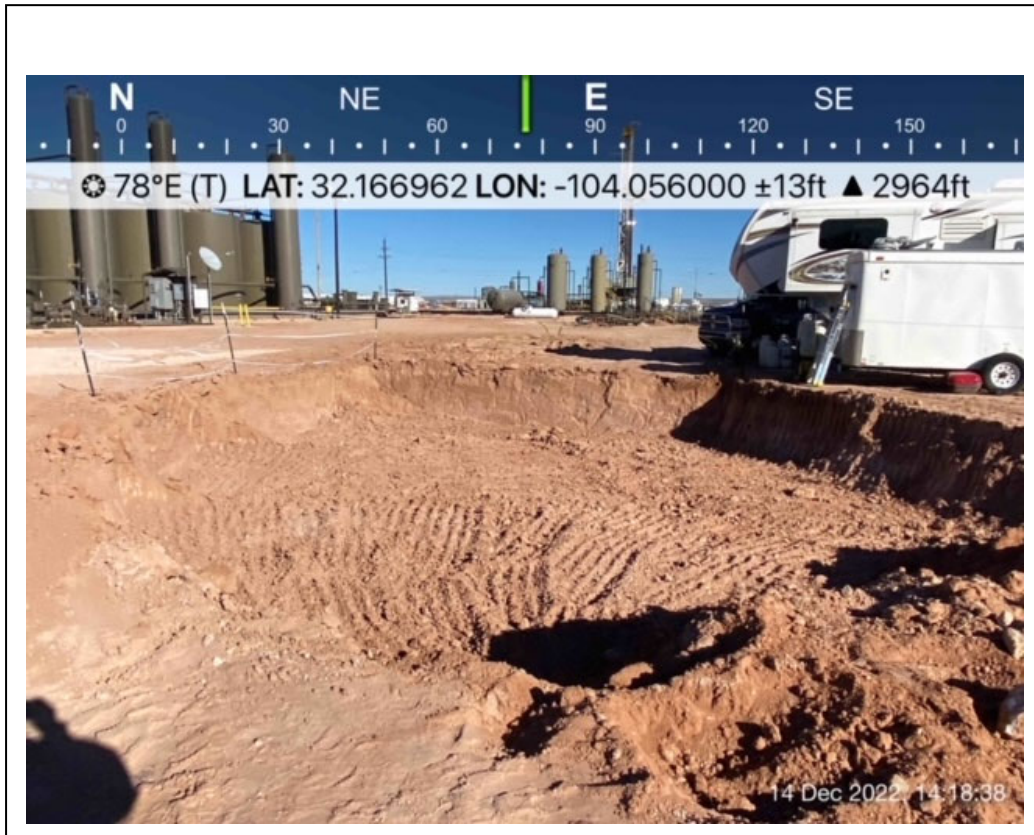
## Excavation







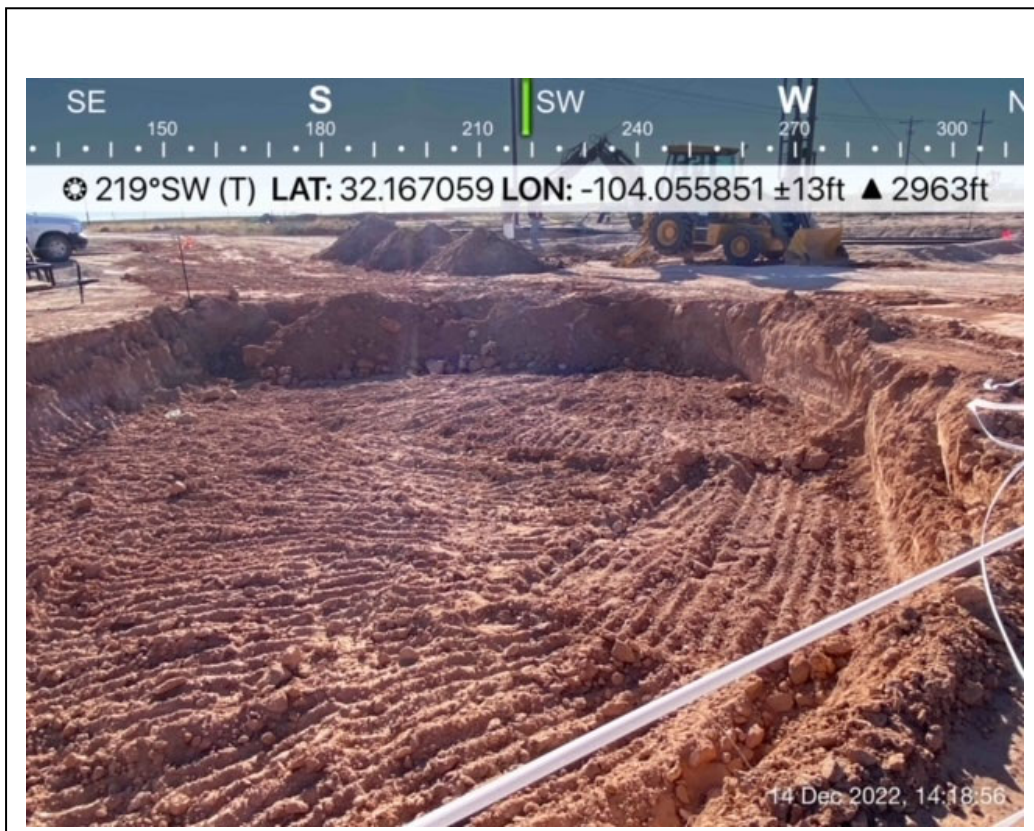
## Excavation







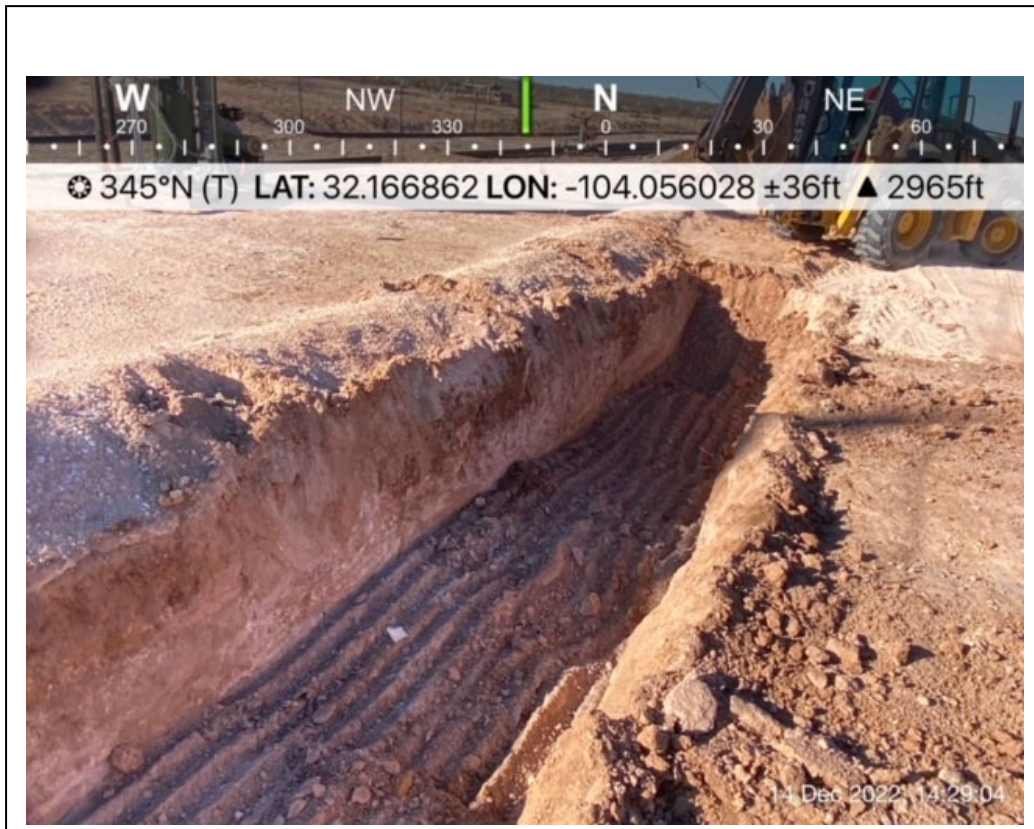
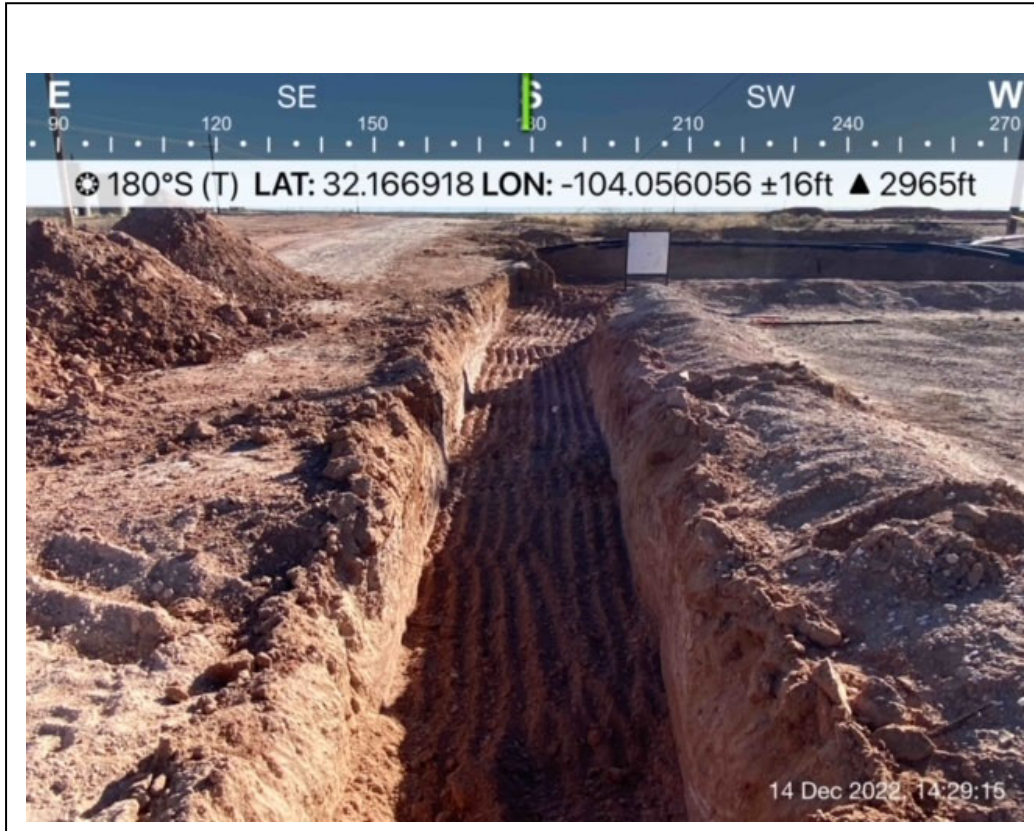
## Excavation



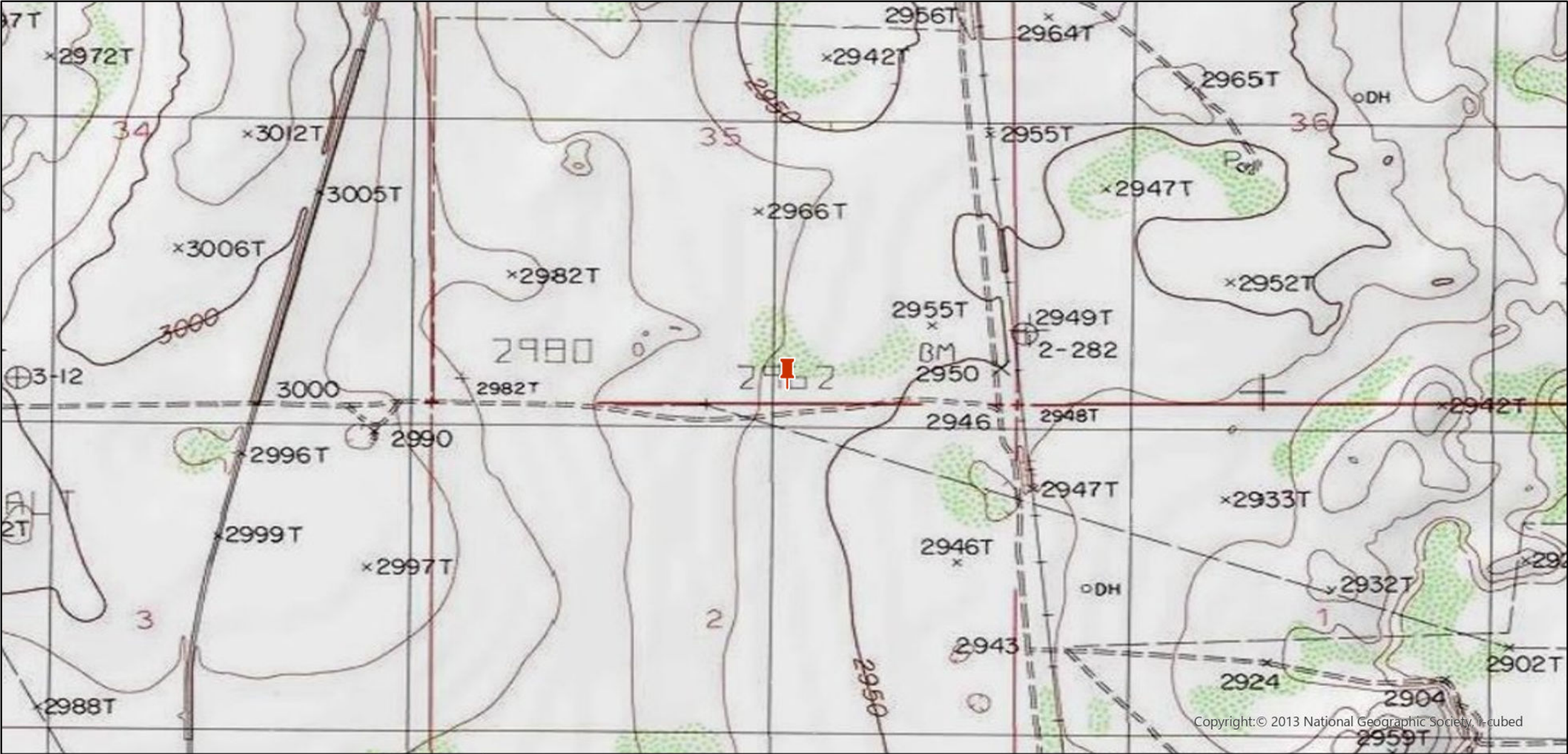




## Excavation





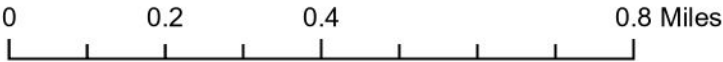


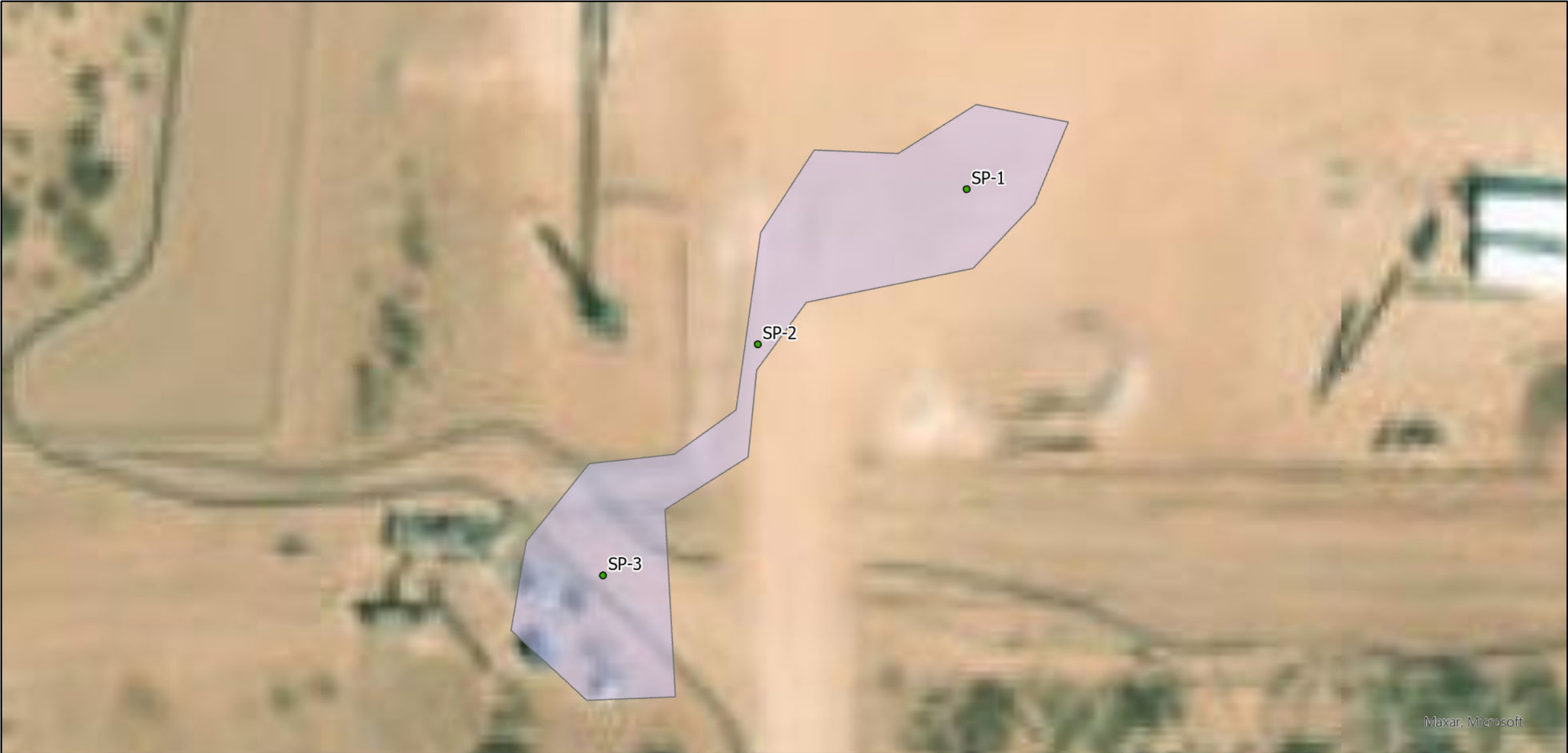
**Legend:**



Site Location

Site Location Map  
Mewbourne Oil Co.  
Hoss 2-11 Battery Frac Line  
Eddy County, New Mexico  
32.166843,-104.056126  
NMOCD Reference # NAPP2209755705

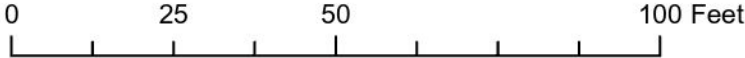




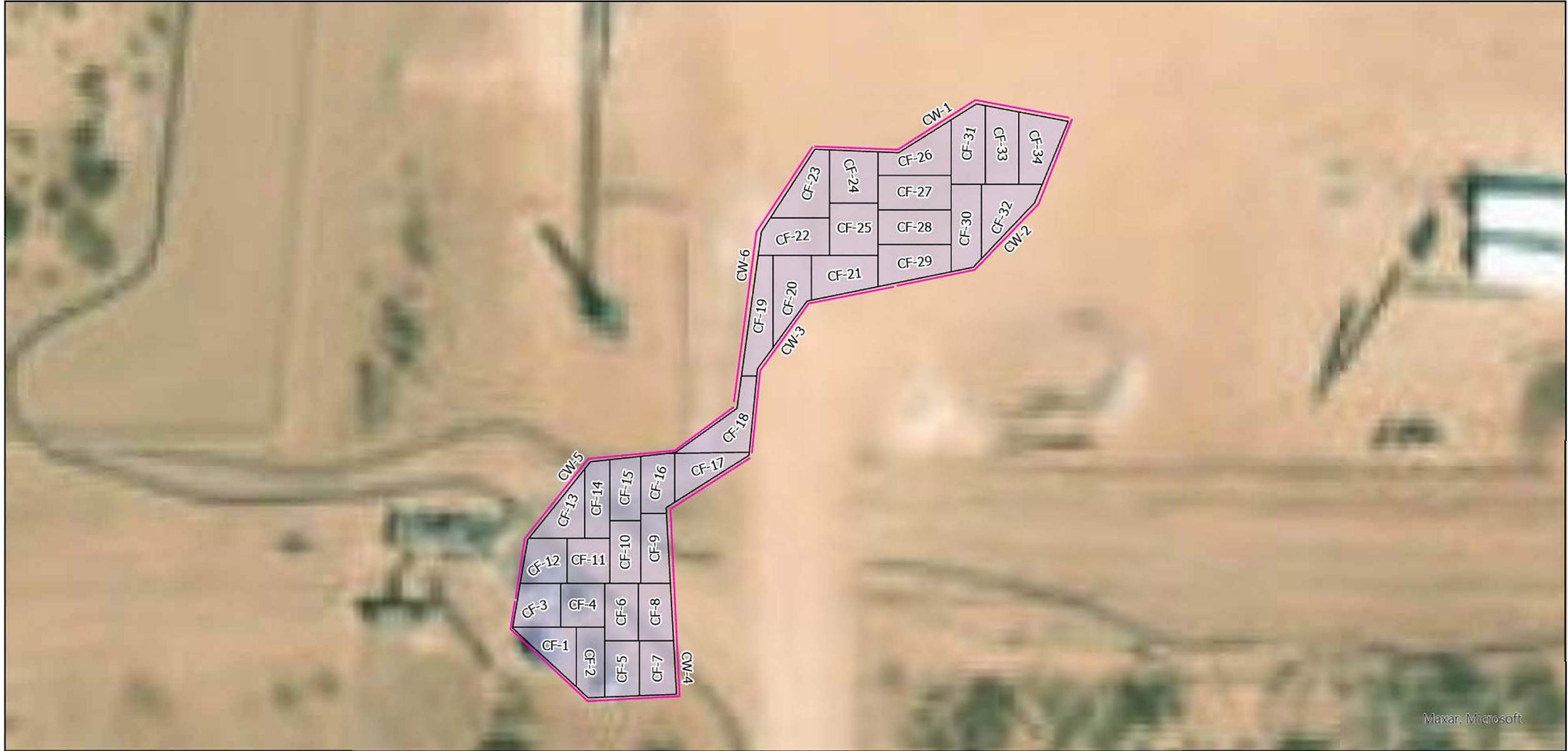
**Legend:**

- Sample Point
- Release Area

**Delineation Map**  
**Mewbourne Oil Co.**  
**Hoss 2-11 Battery Frac Line**  
**Eddy County, New Mexico**  
**32.166843,-104.056126**  
**NMOCD Reference # NAPP2209755705**







Maxar, Microsoft

**Legend:**

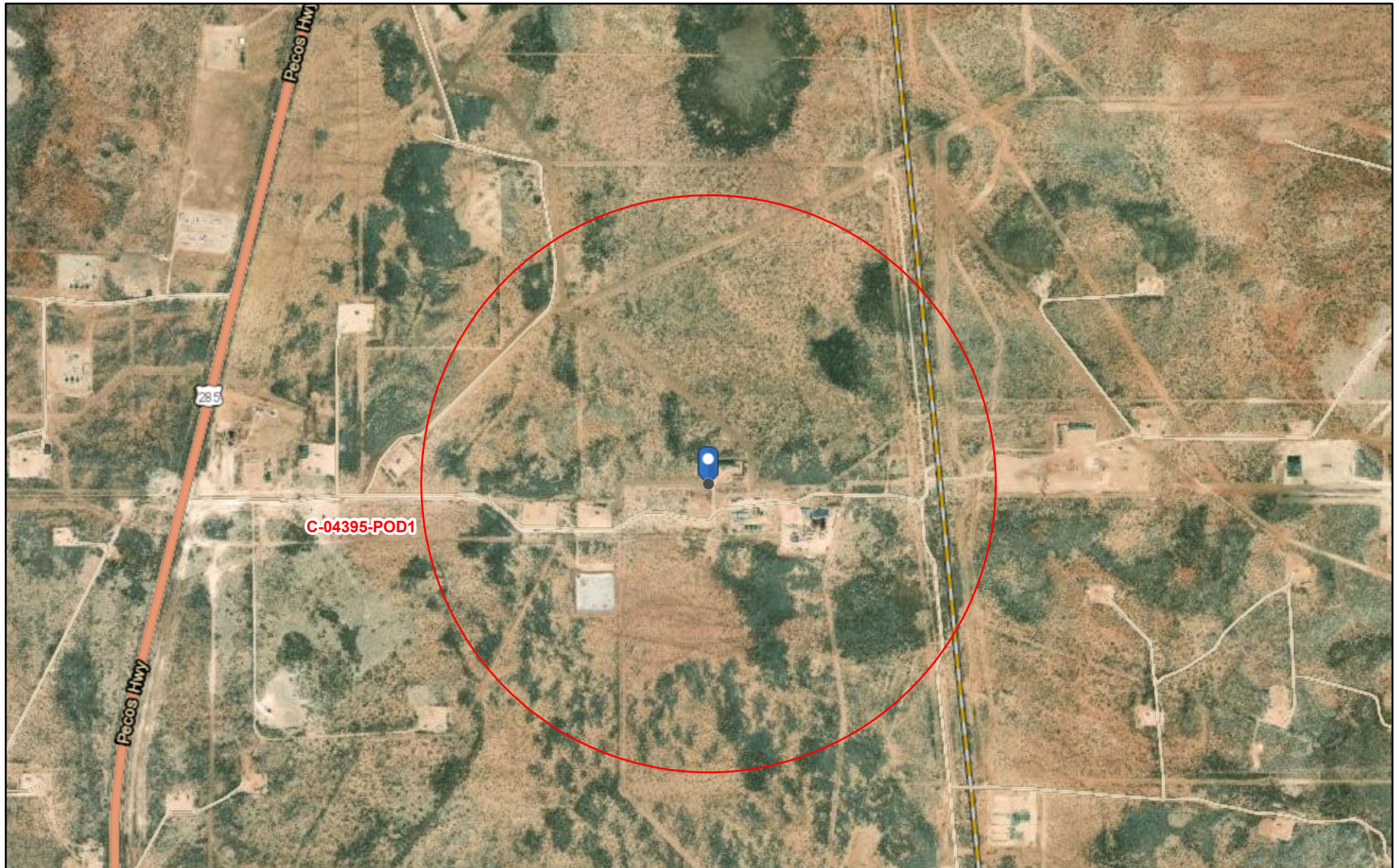
- Remediation Walls
- Remediation Floors
- Excavation Area

**Remediation Map**  
**Mewbourne Oil Co.**  
**Hoss 2-11 Battery Frac Line**  
**Eddy County, New Mexico**  
**32.166843,-104.056126**  
**NMOCD Reference # NAPP2209755705**

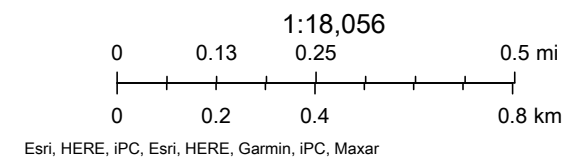




# NAPP2209755705 | HOSS 2-11 BATTERY FRAC LINE



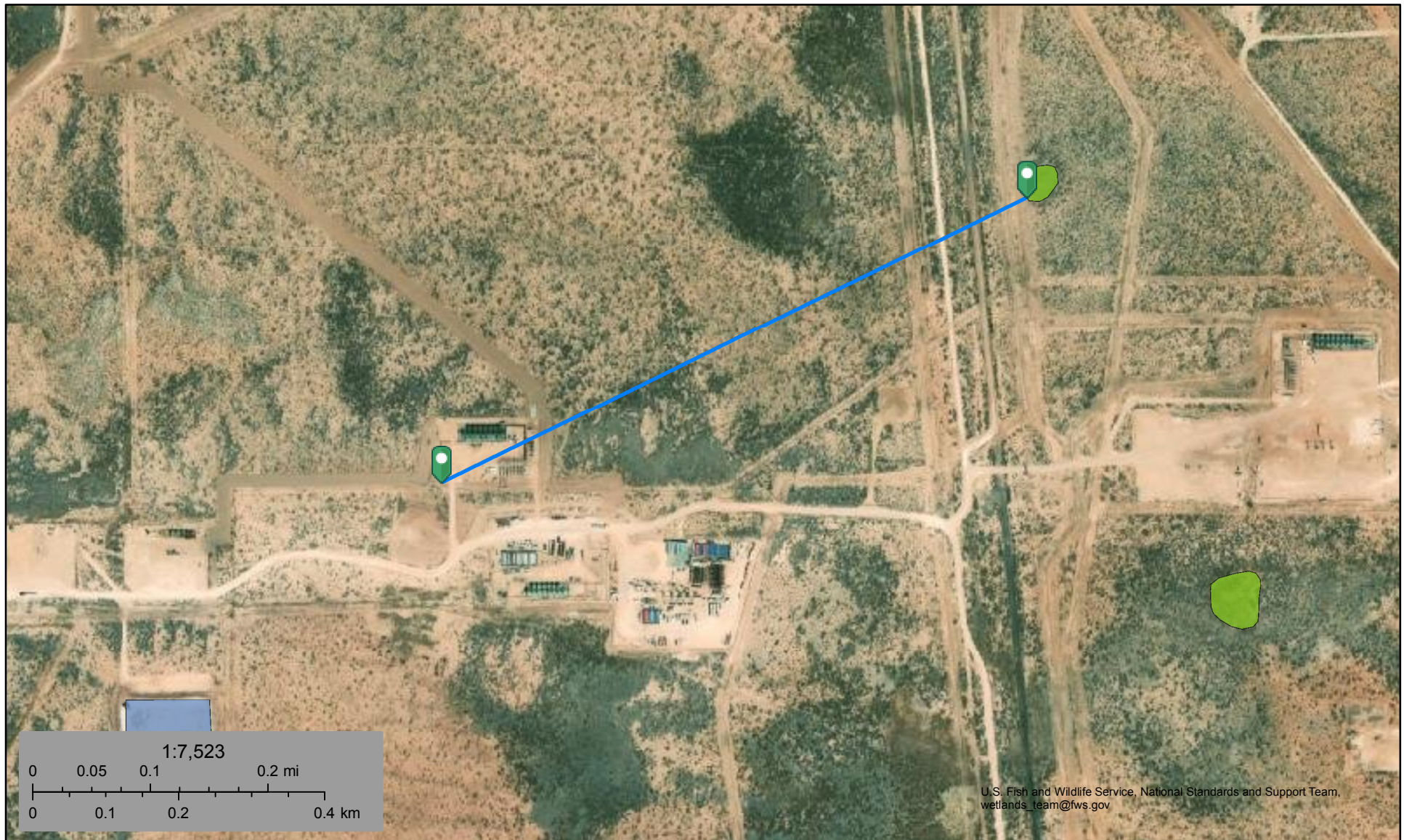
1/16/2023, 11:56:39 AM







NAPP2209755705 | HOSS 2-11 BATTERY FRAC LINE



January 16, 2023

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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



# National Flood Hazard Layer FIRMette



104°3'41"W 32°10'16"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		Digital Data Available
		No Digital Data Available
		Unmapped



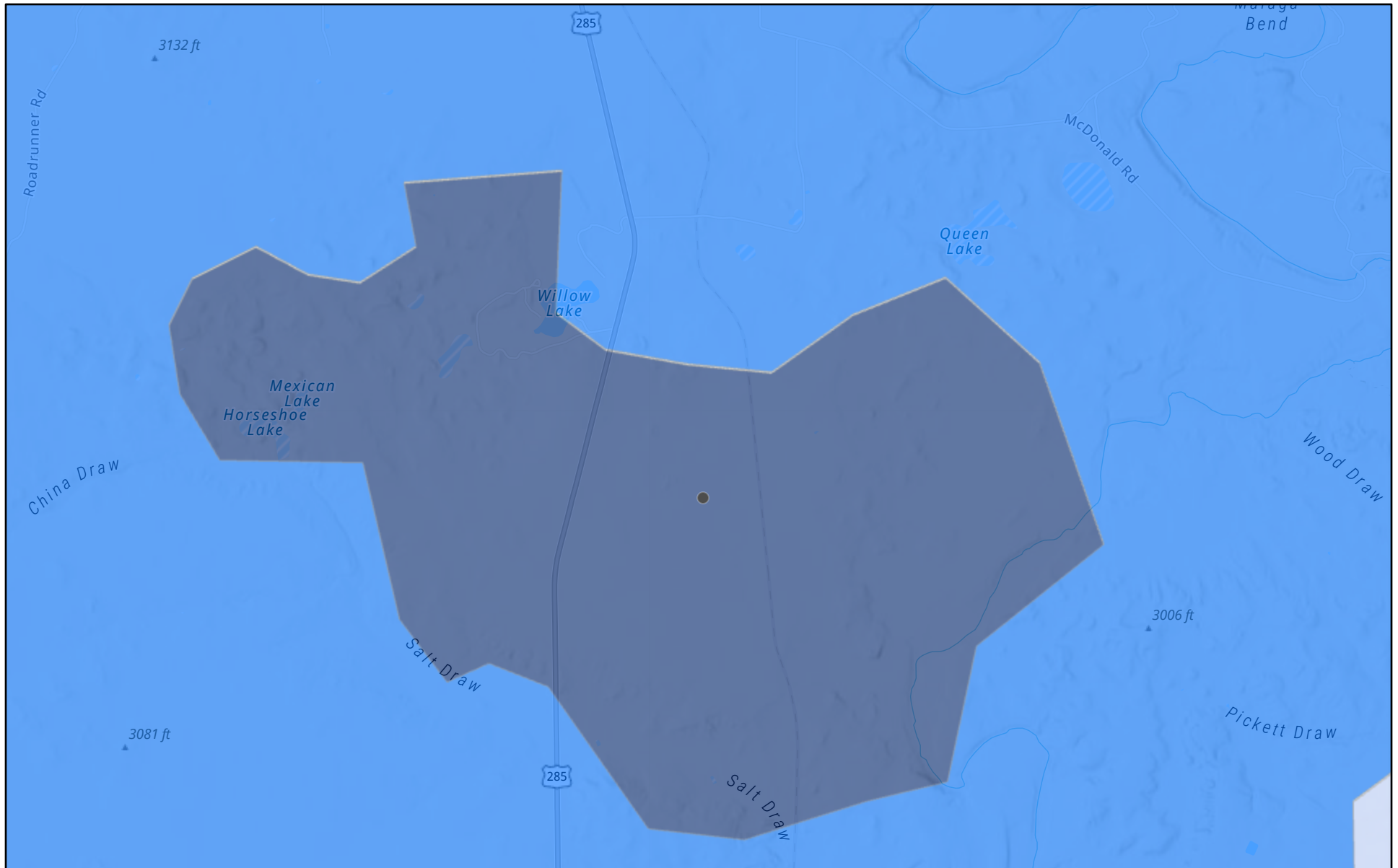
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/16/2023 at 2:03 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.

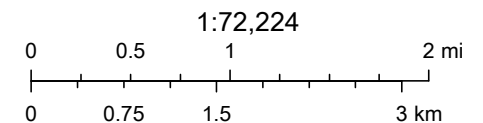
## NAPP2209755705 | HOSS 2-11 BATTERY FRAC LINE



1/16/2023, 12:02:38 PM

Karst Occurrence Potential

	High		Medium
	Low		

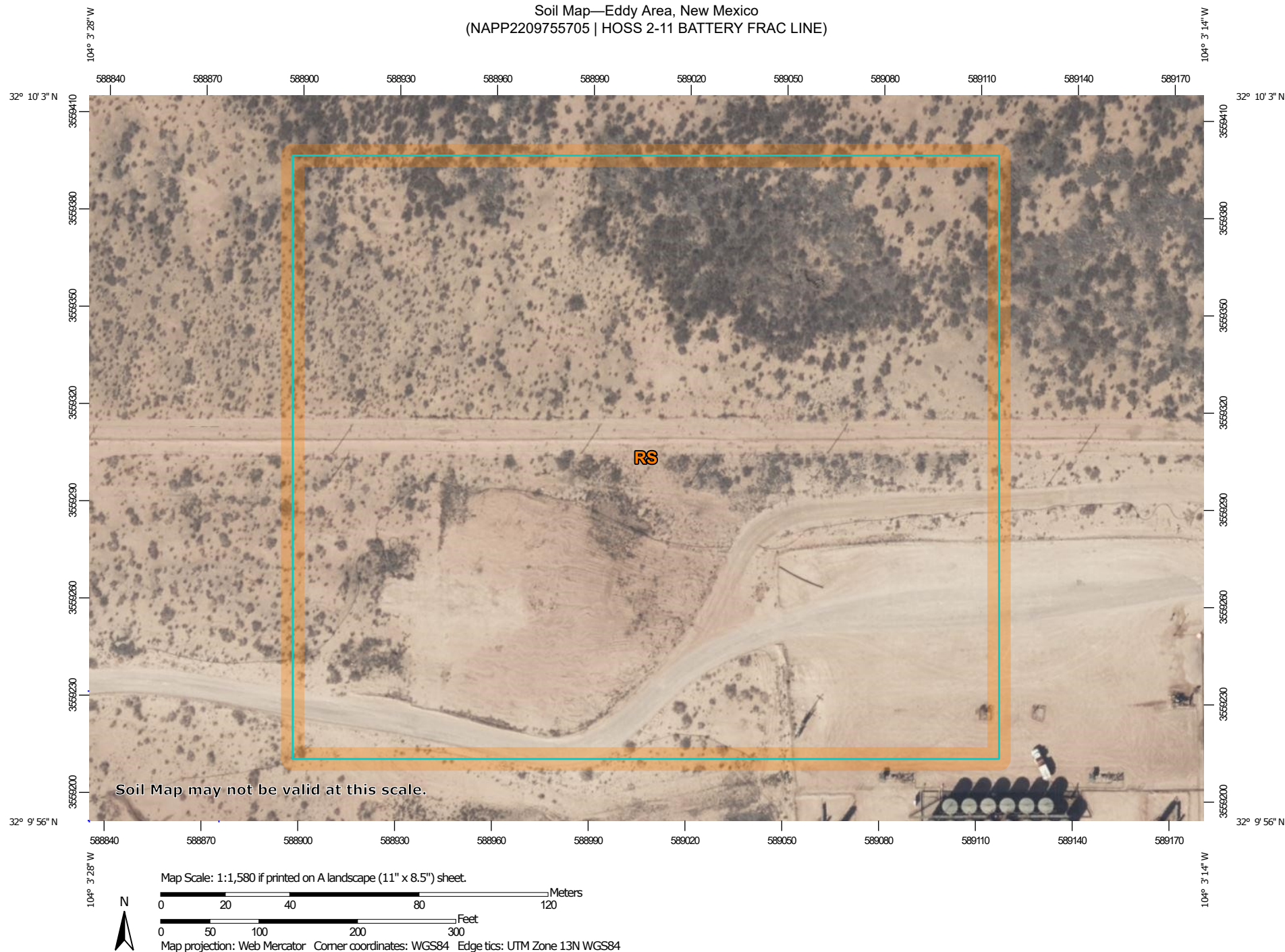


BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, FEMA, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, SafeGraph,

New Mexico Oil Conservation Division



Soil Map—Eddy Area, New Mexico  
(NAPP2209755705 | HOSS 2-11 BATTERY FRAC LINE)



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

1/16/2023  
Page 1 of 3

Soil Map—Eddy Area, New Mexico  
(NAPP2209755705 | HOSS 2-11 BATTERY FRAC LINE)

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 18, Sep 8, 2022

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

Date(s) aerial images were photographed: 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.



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
RS	Russler loam, 1 to 3 percent slopes	10.1	100.0%
Totals for Area of Interest		10.1	100.0%



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USGS Water Resources

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Groundwater

Geographic Area:

United States

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Groundwater levels for the Nation



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## Search Results -- 1 sites found

site\_no list =

- 320956104040101

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

## USGS 320956104040101 25S.28E.03.22231

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°09'56.2", Longitude 104°04'04.1" NAD83

Land-surface elevation 2,990.20 feet above NGVD29

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

### Output formats

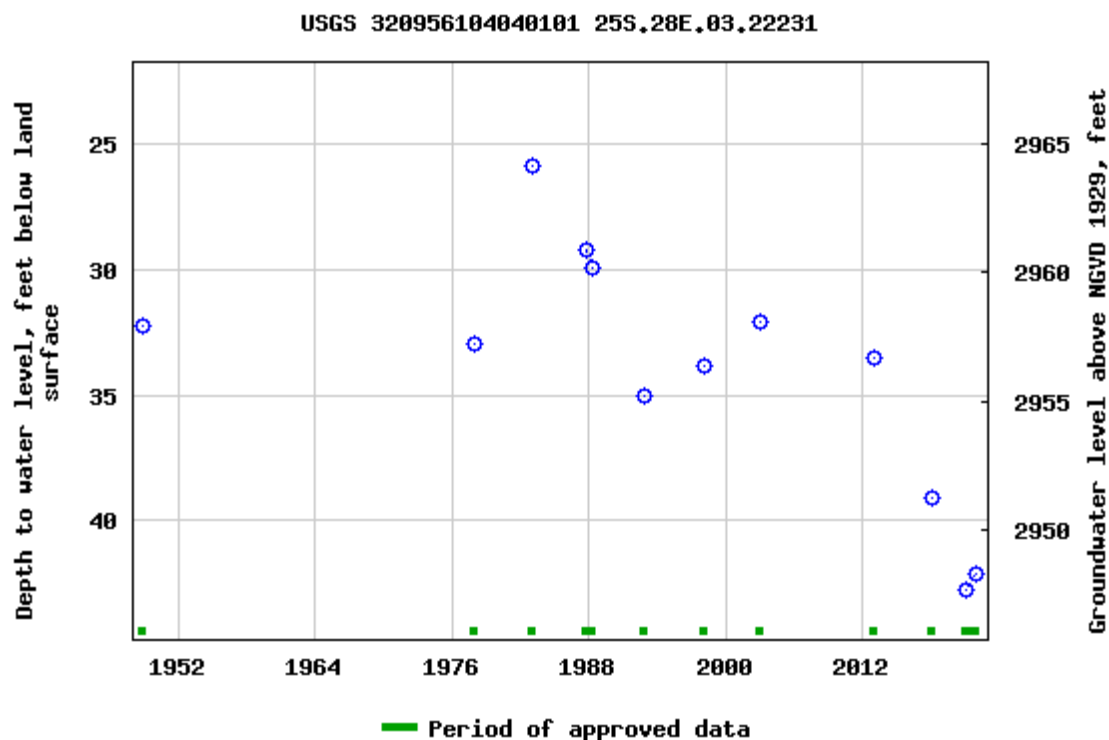
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Breaks in the plot represent a gap of at least one year between field measurements.  
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0.56 0.49 nadww01





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Search Results -- 1 sites found

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Minimum number of levels = 1  
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USGS 320956104040101 25S.28E.03.22231

Eddy County, New Mexico  
Latitude 32°09'56.2", Longitude 104°04'04.1" NAD83  
Land-surface elevation 2,990.20 feet above NGVD29  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

1/17/23, 8:34 AM

USGS Groundwater for USA: Water Levels -- 1 sites

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1948-12-06			D	62610	2957.93	NGVD29	1	Z			A
1948-12-06			D	62611	2959.50	NAVD88	1	Z			A
1948-12-06			D	72019	32.27		1	Z			A
1978-01-03			D	62610	2957.23	NGVD29	1	Z			A
1978-01-03			D	62611	2958.80	NAVD88	1	Z			A
1978-01-03			D	72019	32.97		1	Z			A
1983-02-01			D	62610	2964.33	NGVD29	1	Z			A
1983-02-01			D	62611	2965.90	NAVD88	1	Z			A
1983-02-01			D	72019	25.87		1	Z			A
1987-10-14			D	62610	2960.93	NGVD29	1	Z			A
1987-10-14			D	62611	2962.50	NAVD88	1	Z			A
1987-10-14			D	72019	29.27		1	Z			A
1988-03-22			D	62610	2960.27	NGVD29	1	Z			A
1988-03-22			D	62611	2961.84	NAVD88	1	Z			A
1988-03-22			D	72019	29.93		1	Z			A
1992-11-04			D	62610	2955.17	NGVD29	1	S			A
1992-11-04			D	62611	2956.74	NAVD88	1	S			A
1992-11-04			D	72019	35.03		1	S			A
1998-01-23			D	62610	2956.36	NGVD29	1	S			A
1998-01-23			D	62611	2957.93	NAVD88	1	S			A
1998-01-23			D	72019	33.84		1	S			A
2003-01-27			D	62610	2958.12	NGVD29	1	S	USGS	S	A
2003-01-27			D	62611	2959.69	NAVD88	1	S	USGS	S	A
2003-01-27			D	72019	32.08		1	S	USGS	S	A
2013-01-10	21:20 UTC		m	62610	2956.64	NGVD29	1	S	USGS	S	A
2013-01-10	21:20 UTC		m	62611	2958.21	NAVD88	1	S	USGS	S	A
2013-01-10	21:20 UTC		m	72019	33.56		1	S	USGS	S	A
2018-02-14	16:56 UTC		m	62610	2951.08	NGVD29	1	V	USGS	S	A
2018-02-14	16:56 UTC		m	62611	2952.65	NAVD88	1	V	USGS	S	A
2018-02-14	16:56 UTC		m	72019	39.12		1	V	USGS	S	A
2021-02-24	19:00 UTC		m	62610	2947.41	NGVD29	1	S	USGS	S	A

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
2021-02-24	19:00 UTC	m	62611		2948.98	NAVD88	1	S	USGS	S	A
2021-02-24	19:00 UTC	m	72019	42.79			1	S	USGS	S	A
2022-01-13	18:36 UTC	m	62610		2948.08	NGVD29	1	V	USGS	S	A
2022-01-13	18:36 UTC	m	62611		2949.65	NAVD88	1	V	USGS	S	A
2022-01-13	18:36 UTC	m	72019	42.12			1	V	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	V	Calibrated electric-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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0.29   0.25 nadww01



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Phone:(575) 393-6161 Fax:(575) 393-0720  
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**District III**  
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**District IV**  
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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 183282

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 183282
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2209755705 HOSS 2-11 BATTERY FRAC LINE, thank you. This closure is approved.	6/8/2023