

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

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

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

Incident ID	nAPP2123156473
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party: BTA Oil Producers, LLC	OGRID: 260297
Contact Name: Bob Hall	Contact Telephone: 432-682-3753
Contact email: bhall@btaoil.com	Incident # (assigned by OCD)
Contact mailing address: 104 S. Pecos St., Midland, TX 79701	

### Location of Release Source

Latitude: 32.06611 Longitude: -103.63649°

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Mesa #16H Flowline Break	Site Type: Flowline
Date Release Discovered: 7/22/2021	API# (if applicable) Nearest well: Mesa #3H API #30-025-41290

Unit Letter	Section	Township	Range	County
M	1	26S	32E	Lea

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 11 BBL	Volume Recovered (bbls) 7 BBL
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release  
Flowline Failure

The flowline for the Mesa 16H well developed a leak and released produced water on the pad of the Mesa 3H Tank Battery. The leak was entirely contained on the pad. A vacuum truck was dispatched to the spill site and recovered 7 BW. A preliminary site assessment was conducted at the spill site on 7/23/2021. There will be more details in a regular report format.

Incident ID	nAPP2123156473
District RP	
Facility ID	
Application ID	

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

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:  Remediation of the area by removal of the produced water impacted soil is nearly complete as of the date of this filing (6/5/2020).
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <b>Bob Hall</b> Title: <b>Environmental Manager</b>  Signature: <u></u> Date: <b>8/19/2021</b>  email: <b>bhall@btaoil.com</b> Telephone: <b>432-682-3753</b>
<b>OCD Only</b>  Received by: <u>Ramona Marcus</u> Date: <u>8/20/2021</u>

NAPP2123156473

**Location** Mesa 3H Tank Battery (Mesa 16H Flowline Break)  
**API #** 30-025-41290 Mesa #003H  
**Spill Date** 7/22/2021

**Spill Dimensions**

**ENTER** - Length of Spill  feet  
**ENTER** - Width of Spill  feet  
**ENTER** - Saturation Depth of Spill  inches  
**ENTER** - Porosity Factor  decimal

**Oil Cut - Well Test / Vessel Throughput or Contents**

Oil   
 Water   
 Calculated Oil Cut

**Volume Recovered in Truck / Containment**

**ENTER** - Recovered Oil   
**ENTER** - Recovered Water  BBL

**Calculated Values**

Release of Oil in Soil - Unrecovered  BBL  
 Release of Water in Soil - Unrecovered  BBL  
 Unrecovered Total Release  BBL

**Calculated Values**

Total Release of Oil  BBL  
 Total Release of Water  BBL  
 Total Release  BBL

Types of Soil	Porosity Factor
Gravel	0.25
Sand	0.20
Clay/silt/sand Mix	0.15
Clay	0.05
Caliche	0.03
Unknown	0.25

(Length X Width X Depth X 1 ft/12 in) X Porosity  
 5.615 ft<sup>3</sup> / BBL

X

Oil Cut  
 (or Water Cut)

Mesa 3H Tank Battery  
(Mesa 16H Flowline Release – 7/22/2021)

NAPP2123156473





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

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July 29, 2021

HAYES ADAMS

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: MESA 3H TANK BATTERY RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/26/21 15:49.

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

RX-SOIL INC.  
 HAYES ADAMS  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	07/26/2021	Sampling Date:	07/23/2021
Reported:	07/29/2021	Sampling Type:	Soil
Project Name:	MESA 3H TANK BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA - PIPELINE RD NM		

**Sample ID: SP - 1 1' (H211965-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2021	ND	2.01	101	2.00	1.20	
Toluene*	<0.050	0.050	07/27/2021	ND	2.14	107	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	2.06	103	2.00	1.12	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	6.22	104	6.00	0.917	
Total BTEX	<0.300	0.300	07/27/2021	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	<b>1760</b>	16.0	07/27/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
<b>DRO &gt;C10-C28*</b>	<b>264</b>	10.0	07/28/2021	ND	213	106	200	0.474	
<b>EXT DRO &gt;C28-C36</b>	<b>71.4</b>	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 76.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.5 % 38.9-142

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



NAPP2123156473

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

**Analytical Results For:**

RX-SOIL INC.  
 HAYES ADAMS  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	07/26/2021	Sampling Date:	07/23/2021
Reported:	07/29/2021	Sampling Type:	Soil
Project Name:	MESA 3H TANK BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA - PIPELINE RD NM		

**Sample ID: SP - 1 2' (H211965-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2021	ND	2.01	101	2.00	1.20	
Toluene*	<0.050	0.050	07/27/2021	ND	2.14	107	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	2.06	103	2.00	1.12	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	6.22	104	6.00	0.917	
Total BTEX	<0.300	0.300	07/27/2021	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
<b>Chloride</b>	<b>192</b>	16.0	07/27/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
<b>DRO &gt;C10-C28*</b>	<b>21.9</b>	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 74.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.7 % 38.9-142

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:**

RX-SOIL INC.  
 HAYES ADAMS  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	07/26/2021	Sampling Date:	07/23/2021
Reported:	07/29/2021	Sampling Type:	Soil
Project Name:	MESA 3H TANK BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA - PIPELINE RD NM		

**Sample ID: SP - 1 3' (H211965-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2021	ND	2.01	101	2.00	1.20	
Toluene*	<0.050	0.050	07/27/2021	ND	2.14	107	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	2.06	103	2.00	1.12	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	6.22	104	6.00	0.917	
Total BTEX	<0.300	0.300	07/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	07/27/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 81.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.4 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



NAPP2123156473

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

**Analytical Results For:**

RX-SOIL INC.  
 HAYES ADAMS  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	07/26/2021	Sampling Date:	07/23/2021
Reported:	07/29/2021	Sampling Type:	Soil
Project Name:	MESA 3H TANK BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA - PIPELINE RD NM		

**Sample ID: SP - 2 1' (H211965-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2021	ND	2.01	101	2.00	1.20	
Toluene*	<0.050	0.050	07/27/2021	ND	2.14	107	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	2.06	103	2.00	1.12	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	6.22	104	6.00	0.917	
Total BTEX	<0.300	0.300	07/27/2021	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
<b>Chloride</b>	<b>944</b>	16.0	07/27/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
<b>DRO &gt;C10-C28*</b>	<b>16.5</b>	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 80.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.0 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

NAPP2123156473



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

**Analytical Results For:**

RX-SOIL INC.  
 HAYES ADAMS  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	07/26/2021	Sampling Date:	07/23/2021
Reported:	07/29/2021	Sampling Type:	Soil
Project Name:	MESA 3H TANK BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA - PIPELINE RD NM		

**Sample ID: SP - 2 2' (H211965-05)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	2.01	101	2.00	1.20		
Toluene*	<0.050	0.050	07/27/2021	ND	2.14	107	2.00	2.20		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	2.06	103	2.00	1.12		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	6.22	104	6.00	0.917		
Total BTEX	<0.300	0.300	07/27/2021	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	
<b>Chloride</b>	<b>9200</b>	16.0	07/27/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48		
<b>DRO &gt;C10-C28*</b>	<b>48.3</b>	10.0	07/28/2021	ND	213	106	200	0.474		
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND						

Surrogate: 1-Chlorooctane 87.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.1 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



NAPP2123156473

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

**Analytical Results For:**

RX-SOIL INC.  
 HAYES ADAMS  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	07/26/2021	Sampling Date:	07/23/2021
Reported:	07/29/2021	Sampling Type:	Soil
Project Name:	MESA 3H TANK BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA - PIPELINE RD NM		

**Sample ID: SP - 2 3' (H211965-06)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	2.01	101	2.00	1.20		
Toluene*	<0.050	0.050	07/27/2021	ND	2.14	107	2.00	2.20		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	2.06	103	2.00	1.12		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	6.22	104	6.00	0.917		
Total BTEX	<0.300	0.300	07/27/2021	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	112	16.0	07/27/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48		
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	213	106	200	0.474		
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND						

Surrogate: 1-Chlorooctane 82.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.4 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

NAPP2123156473



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

**Analytical Results For:**

RX-SOIL INC.  
 HAYES ADAMS  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	07/26/2021	Sampling Date:	07/23/2021
Reported:	07/29/2021	Sampling Type:	Soil
Project Name:	MESA 3H TANK BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA - PIPELINE RD NM		

**Sample ID: SP - 3 1' (H211965-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2021	ND	2.01	101	2.00	1.20	
Toluene*	<0.050	0.050	07/27/2021	ND	2.14	107	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	2.06	103	2.00	1.12	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	6.22	104	6.00	0.917	
Total BTEX	<0.300	0.300	07/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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
<b>Chloride</b>	<b>384</b>	16.0	07/27/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
<b>DRO &gt;C10-C28*</b>	<b>65.3</b>	10.0	07/28/2021	ND	213	106	200	0.474	
<b>EXT DRO &gt;C28-C36</b>	<b>12.6</b>	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 78.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager

NAPP2123156473



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**Analytical Results For:**

RX-SOIL INC.  
 HAYES ADAMS  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	07/26/2021	Sampling Date:	07/23/2021
Reported:	07/29/2021	Sampling Type:	Soil
Project Name:	MESA 3H TANK BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA - PIPELINE RD NM		

**Sample ID: SP - 3 2' (H211965-08)**

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	07/27/2021	ND	1.80	89.8	2.00	7.00	
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84	
Total BTEX	<0.300	0.300	07/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	07/27/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 81.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

RX-SOIL INC.  
 HAYES ADAMS  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	07/26/2021	Sampling Date:	07/23/2021
Reported:	07/29/2021	Sampling Type:	Soil
Project Name:	MESA 3H TANK BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA - PIPELINE RD NM		

**Sample ID: SP - 3 3' (H211965-09)**

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	07/27/2021	ND	1.80	89.8	2.00	7.00	
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84	
Total BTEX	<0.300	0.300	07/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	07/27/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 79.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



NAPP2123156473

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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.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. 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

BILL TO

ANALYSIS REQUEST

Company Name: <u>As Soil</u>		P.O. #:	
Project Manager: <u>Hayes Adams</u>		Company: <u>BTA</u>	
Address:		Attn:	
City:	State:	Zip:	
Phone #: <u>682-249-0909</u>	Fax #:	Address:	
Project #:	Project Owner:	City:	
Project Name: <u>Mesa 3H Tank Battery release</u>		State:	Zip:
Project Location: <u>NM Pipeline Rd.</u>		Phone #:	
Sampler Name: <u>Hayes Adams</u>		Fax #:	
FOR LAB USE ONLY			
Lab I.D.:	Sample I.D.	(G)RAB OR (C)OMP.	
<u>H21915</u>	<u>1 2 3 4 5 6 7 8 9</u>	# CONTAINERS	
	<u>SP-1</u>	GROUNDWATER	
	<u>SP-1</u>	WASTEWATER	
	<u>SP-1</u>	SOIL	
	<u>SP-2</u>	OIL	
	<u>SP-2</u>	SLUDGE	
	<u>SP-3</u>	OTHER:	
	<u>SP-3</u>	ACID/BASE:	
	<u>SP-3</u>	ICE / COOL	
	<u>SP-3</u>	OTHER:	
	<u>SP-3</u>	DATE	<u>7/23</u>
	<u>SP-3</u>	TIME	<u>8am</u>
	<u>SP-3</u>	DATE	<u>7/23</u>
	<u>SP-3</u>	TIME	<u>8:05am</u>
	<u>SP-3</u>	DATE	<u>7/23</u>
	<u>SP-3</u>	TIME	<u>8:01am</u>
	<u>SP-3</u>	DATE	<u>7/23</u>
	<u>SP-3</u>	TIME	<u>8:15am</u>
	<u>SP-3</u>	DATE	<u>7/23</u>
	<u>SP-3</u>	TIME	<u>8:20am</u>
	<u>SP-3</u>	DATE	<u>7/23</u>
	<u>SP-3</u>	TIME	<u>8:25am</u>
	<u>SP-3</u>	DATE	<u>7/23</u>
	<u>SP-3</u>	TIME	<u>8:30am</u>
	<u>SP-3</u>	DATE	<u>7/23</u>
	<u>SP-3</u>	TIME	<u>8:40am</u>
	<u>SP-3</u>	DATE	<u>7/23</u>
	<u>SP-3</u>	TIME	<u>8:45am</u>
		Chlorides	
		BTEX	
		TPH	

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 43399

**CONDITIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 43399
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
marcus	None	8/20/2021