



March 18, 2024

New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Re: Closure Request  
Prima Exploration, Inc. EK29 BS2 Federal Com #3H  
Incident ID: nAPP2115330772

RXSoil, Inc. is pleased to submit the amended closure request for the on-site remediation of impacted soil for the above release.

Sincerely,

RXSoil, Inc.  
105 W Main St. Decatur, TX 76234

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## I. Introduction

On behalf of Prima Exploration Inc., RXSoil, Inc. ("RXSoil") has prepared this closure report that describes the remediation of the release of produced water and crude oil.

The release was discovered on 05/23/2021 in Unit Letter N, Section 29, Township 18S, Range 34E (see Figure 1 for Vicinity Map) at approximate coordinates 32.71230, -103.58404. It was reported that 15 barrels of crude oil were released, and 0 barrels of crude oil were recovered during the initial response. The release was an overspray caused by a jammed float in the heater treater and the flare.

## II. Site Assessment/Characterization

1. **Site Overview** – See *Figure 2*

2. **Depth to ground water** – There is no water well within a half mile from the release. The closest well is (CP01582 POD1) .97 Miles away with a depth of 180'. Remediation standards will follow the most strict thresholds stated in Table I for depth to water  $\leq 50$  Feet.

3. **Wellhead protection area** – There are no known water sources within half a mile of the release (see *Figure 3*).

4. **Distance to nearest significant watercourse** – There are no known significant watercourses within 0.5 miles (see *Figure 3*).

5. **Soil/waste characteristics** – An initial delineation was completed on 06/16/2021. Sample points are shown in Figure 2 with results summarized in Appendix C. Lab data is displayed in Appendix D. The overspray release spread across approximately 38,000 Square Ft to the Northwesterly side of the pad site. The impact remained in the top 0-6" of the spill area resulting in approximately 700 cubic yards remediated in-situ. A new delineation was conducted on 2/12/2024 in accordance with the EMNRD to clarify that the contamination did not go outside the spill area.

## III. Remediation Activities

RXSoil's bioremediation agent RXBiotics was used to treat the hydrocarbon contamination in-place.

RXBiotics is a non-genetically modified, eco-friendly blend of microbes and micro-nutrients to degrade hydrocarbons. After active delineation, RXSoil used the bioremediation product and mechanical agitation to remediate an estimated 700 cubic yards of soil below reclamation standards listed in NMAC 19.15.29.

One sample representing no more than 200 square feet. If a sample tested above threshold, treatment continued in that area until the soil tested clean, per strictest Table I guidelines for impacted soils also referred to as reclamation standards. Samples were submitted to a third-party laboratory to be tested for chlorides, TPH, and BTEX using approved NMOCD methods.

10/28/21 - Remediation started with some brush clearing to create good access when treating. RXBiotics was applied across all the areas of impact. The surrounding impacted areas were then tilled up to promote aeration within the soil.

RXSoil, Inc.  
105 W Main St. Decatur, TX 76234

12/22/21 – A Second round of RXBiotics was applied to areas that remained above thresholds. A continued application of fresh water and RxVita was applied to the soil to promote a healthy environment.

1/27/22 – The areas of concern were tilled to increase aeration and facilitate hydrocarbon degradation.

8/22/22 – Final Samples were collected, placed on ice, and delivered to the lab.

9/1/22 – 11 samples remained above threshold and needed more time to degrade the hydrocarbons. Some samples came back hotter than the previous samples due to sampling variation of location.

9/21/22 – Re sampled the hot spots from the previous lab results. Vegetation growth had already started in the impacted areas since our treatment with RXBiotics.

5/12/23 – RXSoil arrived on site to take the remaining samples to meet EMNRD guidelines. No more remediation activities have been done since December of 2021, RXBiotics will continue to degrade hydrocarbons until they are below thresholds.

All samples were taken using a stainless-steel collection tool. All tools were then decontaminated before each sample, as specified in Field Equipment Cleaning and Decontamination (EPA, 2015). This includes wiping the equipment clean, water-rinsing the equipment, washing the equipment in detergent and water, and rinsing the equipment in water.

Samples were temporarily transferred to a new plastic bag in the field and placed on ice. Once in a location safer for handling glass, the samples are transferred to glass jars, supplied by an approved laboratory. The threads on all jars are wiped clean to allow an air-tight seal. Samples are then transferred on ice to a third-party laboratory to ensure tests are completed within 14 days (as recommended for EPA methods 8021B and 8015M).

#### **IV. Restoration, Reclamation and Re-Vegetation**

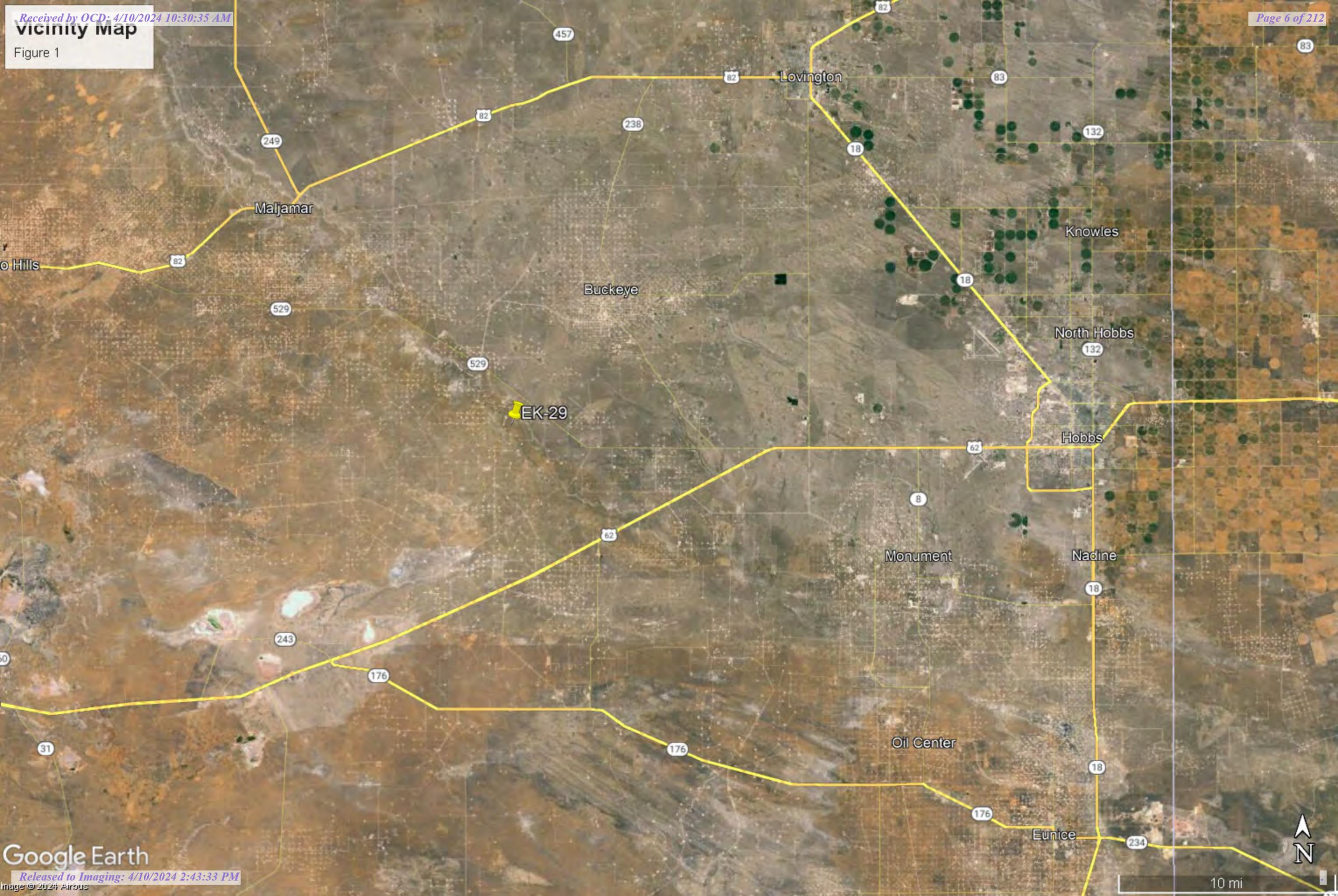
Following remediation, Rxsoil restored the impacted surface area to the condition that existed prior to the release. During treatment, Rxsoil applied our soil amendment that enhances soil biome called RXVita. After final confirmation samples result came back, Rxsoil tilled and smoothed the area to its previous condition. Vegetation growth can be seen in google earth and site photographs.

FIGURE 1  
VICINITY MAP

**RXSoil, Inc.**  
105 W Main St. Decatur, TX 76234

# Vicinity Map

Figure 1





EK-29

Quail Run Services

43

Crockett Morgan Cem

Google Earth



FIGURE 2  
SITE OVERVIEW

**RXSoil, Inc.**  
105 W Main St. Decatur, TX 76234

EK29

Figure 2



EK29

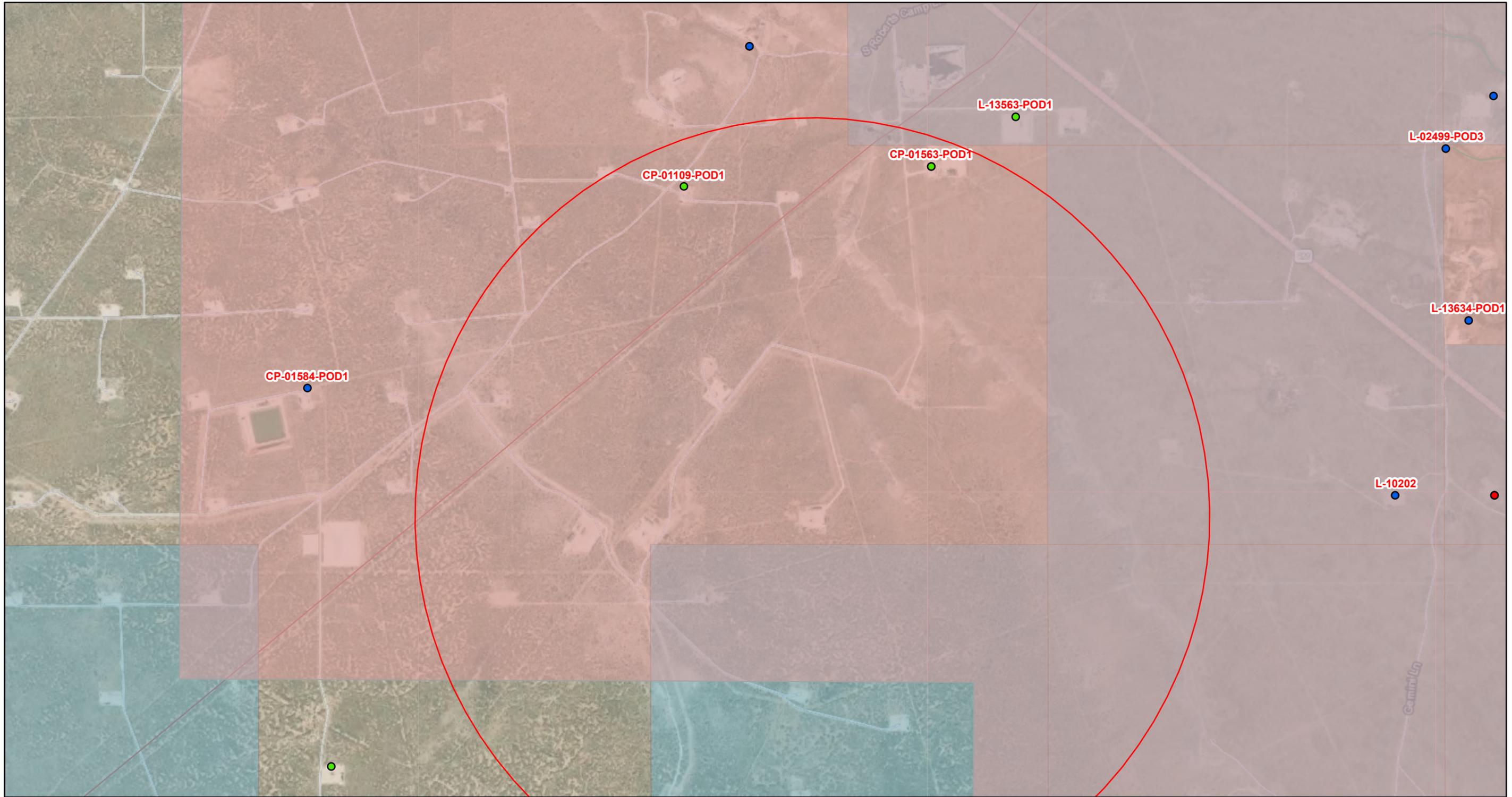
Figure 2 A



FIGURE 3  
HYDROLOGY MAP

RXSoil, Inc.  
105 W Main St. Decatur, TX 76234

# OSE POD Locations Map



5/19/2023, 12:45:01 PM

### GIS WATERS PODs

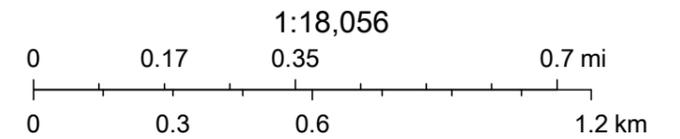
- Active
- Pending
- Plugged
- 
- OSE District Boundary

### Water Right Regulations

- Critical Management Area - Guidelines
- Closure Area
- New Mexico State Trust Lands
- Both Estates

### NHD Flowlines

- Pipeline
- Stream River
- SiteBoundaries



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

FIGURE 4  
SITE PHOTOGRAPHS

**RXSoil, Inc.**  
105 W Main St. Decatur, TX 76234

# Before



# After



# Before



# After



# Before



# After





APPENDIX A

C-141

**RXSoil, Inc.**  
105 W Main St. Decatur, TX 76234

**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	
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party Prima Exploration, Inc.	OGRID 329344
Contact Name Jacqueline Buczek	Contact Telephone 303-755-5681 x109
Contact email jbuczek@primaex.com	Incident # (assigned by OCD) nAPP2115330772
Contact mailing address 250 Fillmore Street, Suite 500 Denver,	CO 80206

### Location of Release Source

Latitude 32.71229722 \_\_\_\_\_ Longitude - 103.58404444 \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name EK 29 BS2 Federal Com #003H	Site Type: Oil Tank Battery
Date Release Discovered 05-23-2021	API# 3002542699

Unit Letter	Section	Township	Range	County
N	29	18S	34E	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 checked="" type="checkbox"/> Crude Oil	Volume Released (15 bbls)	Volume Recovered (0 bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The oil dump on the heater plugged off with paraffin, the flare scrubber had over 3' of paraffin built up, which caused the float to get stuck. This caused the heater treater and flare to spray the produced oil onto the pad and field next to the pad. Crude oil spill is estimated to be 15 bbls of oil only, no water was released.

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release a 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:
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: <u>Jacqueline Buczek</u> Title: <u>Petroleum Engineer</u> Signature: <u>Jacqueline M Buczek</u> Date: <u>06/02/2021</u> email: <u>jbuczek@primaex.com</u> Telephone: <u>303-755-5681 x109</u>
<b><u>OCD Only</u></b>  Received by: _____ Date: _____

**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 30286

**CONDITIONS**

Operator: Prima Exploration, Inc. 250 Fillmore Street, Ste. 500 Denver, CO 80206	OGRID: 329344
	Action Number: 30286
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	None	8/2/2022

Incident ID	
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: Maverick Mickle Title: Technical & Engineering Analyst  
 Signature: Maverick Mickle Date: 03/18/2024  
 email: Maverick.Mickle@rxpower.net Telephone: (682) 351-5435

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

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

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

APPENDIX B  
NEAREST WATER WELL

RXSoil, Inc.  
105 W Main St. Decatur, TX 76234



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)  
 (quarters are smallest to largest) (NAD83 UTM in meters)

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
	CP 01582 POD1	2 1 2	29	18S	34E	633167	3621715

<b>Driller License:</b> 1611	<b>Driller Company:</b> GOERTZEN DRILLING	
<b>Driller Name:</b> GOERTZEN, JOHN		
<b>Drill Start Date:</b> 07/12/2016	<b>Drill Finish Date:</b> 07/13/2016	<b>Plug Date:</b>
<b>Log File Date:</b> 07/22/2016	<b>PCW Rev Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b>
<b>Casing Size:</b> 10.75	<b>Depth Well:</b> 180 feet	<b>Depth Water:</b> 180 feet

Water Bearing Stratifications:	Top	Bottom	Description
	52	150	Sandstone/Gravel/Conglomerate
	150	175	Sandstone/Gravel/Conglomerate
	175	180	Other/Unknown

Casing Perforations:	Top	Bottom
	0	180

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

7/6/21 3:16 PM

POINT OF DIVERSION SUMMARY

APPENDIX C  
SUMMARY TABLE

RXSoil, Inc.  
105 W Main St. Decatur, TX 76234

Sample ID	Lab Sample ID	Sample Date	Sample Depth	Soil type	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
					GRO	DRO	MRO	Total						
RRALs					100 (mg/kg)				10 (mg/kg)	50 (mg/kg)			600 (mg/kg)	
EK29 Confirmation Samples														
N1	H223954-01	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
N2	H223954-02	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N3	H223954-03	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
N4	H223954-04	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
N5	H223954-05	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
N6	H223954-06	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
N7	H223954-07	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N8	H223954-08	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N9	H223954-09	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N10	H223954-10	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
N11	H223954-11	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
N12	H223954-12	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
N13	H223954-13	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N14	H223954-14	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N15	H223954-15	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
N16	H223954-16	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	48
N17	H223954-17	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N18	H223954-18	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
N19	H223954-19	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
N20	H223954-20	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
N21	H223954-21	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
N22	H223954-22	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
N23	H223954-23	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
N24	H223954-24	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N25	H223954-25	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N26	H223954-26	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N27	H223954-27	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
N28	H223954-28	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N29	H223954-29	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N30	H223954-30	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N31	H223954-31	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N32	H223954-32	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N33	H223954-33	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N34	H223954-34	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N35	H223954-35	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
N36	H223954-36	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
W1	H223954-37	8/25/2022	0"-6"	Over-Spray Area	<10	50.1	14.2	64.3	<.05	<.05	<.05	<.150	<.300	192
W2	H223954-38	8/25/2022	0"-6"	Over-Spray Area	<10	62.8	14.5	77.3	<.05	<.05	<.05	<.150	<.300	64
W3	H223954-39	8/25/2022	0"-6"	Over-Spray Area	<10	73.9	22.1	96	<.05	<.05	<.05	<.150	<.300	32

W4	H223954-40	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	64
W5	H223954-41	8/25/2022	0"-6"	Over-Spray Area	<10	29.9	<10	29.9	<.05	<.05	<.05	<.150	<.300	48
W6	H223954-42	8/25/2022	0"-6"	Over-Spray Area	<10	73.7	20.4	94.1	<.05	<.05	<.05	<.150	<.300	32
W7	H223954-43	8/25/2022	0"-6"	Over-Spray Area	<10	177	64	241	<.05	<.05	<.05	<.150	<.300	16
W7	H224406-01	9/21/2022	0"-6"	Over-Spray Area	<10	560	270	830	-	-	-	-	-	-
W-7	H232310-01	5/9/2023	0"-6"	Over-Spray Area	<10	<10	<10	<10	-	-	-	-	-	-
W8	H223954-44	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
W9	H223954-45	8/25/2022	0"-6"	Over-Spray Area	<10	13.9	<10	13.9	<.05	<.05	<.05	<.150	<.300	16
W10	H223954-46	8/25/2022	0"-6"	Over-Spray Area	<10	12.6	<10	12.6	<.05	<.05	<.05	<.150	<.300	112
W11	H223954-47	8/25/2022	0"-6"	Over-Spray Area	<10	35.8	11.2	47	<.05	<.05	<.05	<.150	<.300	16
W12	H223954-48	8/25/2022	0"-6"	Over-Spray Area	<10	270	85.6	355.6	<.05	<.05	<.05	<.150	<.300	32
W12	H224406-02	9/21/2022	0"-6"	Over-Spray Area	<10	461	275	736	-	-	-	-	-	-
W-12	H232310-02	5/9/2023	0"-6"	Over-Spray Area	<10	<10	<10	<10	-	-	-	-	-	-
W13	H223954-49	8/25/2022	0"-6"	Over-Spray Area	<10	443	146	589	<.05	<.05	<.05	<.150	<.300	<10
W13	H224406-03	9/21/2022	0"-6"	Over-Spray Area	<10	56.5	55.7	112.2	-	-	-	-	-	-
W-13	H232310-03	5/9/2023	0"-6"	Over-Spray Area	<10	<10	<10	<10	-	-	-	-	-	-
W14	H223954-50	8/25/2022	0"-6"	Over-Spray Area	<10	117	52	169	<.05	<.05	<.05	<.150	<.300	16
W14	H224406-04	9/21/2022	0"-6"	Over-Spray Area	<10	215	120	335	-	-	-	-	-	-
W-14	H232310-04	5/9/2023	0"-6"	Over-Spray Area	<10	<10	<10	<10	-	-	-	-	-	-
W15	H223954-51	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
W16	H223954-52	8/25/2022	0"-6"	Over-Spray Area	<10	30.9	12.9	43.8	<.05	<.05	<.05	<.150	<.300	<10
W17	H223954-53	8/25/2022	0"-6"	Over-Spray Area	<10	73.7	25	98.7	<.05	<.05	<.05	<.150	<.300	32
W18	H223954-54	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
W19	H223954-55	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
W20	H223954-56	8/25/2022	0"-6"	Over-Spray Area	<10	220	93	313	<.05	<.05	<.05	<.150	<.300	16
W20	H224406-05	9/21/2022	0"-6"	Over-Spray Area	<10	44.5	27.1	71.6	-	-	-	-	-	-
W21	H223954-57	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
W22	H223954-58	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<10
W23	H223954-59	8/25/2022	0"-6"	Over-Spray Area	<10	39.9	15.2	55.1	<.05	<.05	<.05	<.150	<.300	<10
W24	H223954-60	8/25/2022	0"-6"	Over-Spray Area	<10	75.6	22.2	97.8	<.05	<.05	<.05	<.150	<.300	<10
W25	H223954-61	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
W26	H223954-62	8/25/2022	0"-6"	Over-Spray Area	<10	164	84.2	248.2	<.05	<.05	<.05	<.150	<.300	16
W26	H224406-06	9/21/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	-	-	-	-	-	-
W27	H223954-63	8/25/2022	0"-6"	Over-Spray Area	<10	228	86.1	314.1	<.05	<.05	<.05	<.150	<.300	32
W27	H224406-07	9/21/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	-	-	-	-	-	-
W28	H223954-64	8/25/2022	0"-6"	Over-Spray Area	<10	11.5	<10	11.5	<.05	<.05	<.05	<.150	<.300	16
W29	H223954-65	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
W30	H223954-66	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
W31	H223954-67	8/25/2022	0"-6"	Over-Spray Area	<10	23	<10	23	<.05	<.05	<.05	<.150	<.300	16
W32	H223954-68	8/25/2022	0"-6"	Over-Spray Area	<10	574	250	824	<.05	<.05	<.05	<.150	<.300	16
W32	H224406-08	9/21/2022	0"-6"	Over-Spray Area	<10	10.3	<10	10.3	-	-	-	-	-	-
W33	H223954-69	8/25/2022	0"-6"	Over-Spray Area	<10	55.9	19.9	75.8	<.05	<.05	<.05	<.150	<.300	32
W34	H223954-70	8/25/2022	0"-6"	Over-Spray Area	<10	696	301	997	<.05	<.05	<.05	<.150	<.300	<16
W34	H224406-09	9/21/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	-	-	-	-	-	-
W35	H223954-71	8/25/2022	0"-6"	Over-Spray Area	<10	143	73.6	216.6	<.05	<.05	<.05	<.150	<.300	32
W35	H224406-10	9/21/2022	0"-6"	Over-Spray Area	<10	513	214	727	-	-	-	-	-	-

W-35	H232310-05	5/9/2023	0"-6"	Over-Spray Area	<10	<10	<10	<10	-	-	-	-	-	-
W36	H223954-72	8/25/2022	0"-6"	Over-Spray Area	<10	29.8	12.4	42.2	<.05	<.05	<.05	<.150	<.300	<16
W37	H223954-73	8/25/2022	0"-6"	Over-Spray Area	<10	19.9	<10	19.9	<.05	<.05	<.05	<.150	<.300	<16
W38	H223954-74	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
W39	H223954-75	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
W40	H223954-76	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
W41	H223954-77	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
W42	H223954-78	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
W43	H223954-79	8/25/2022	0"-6"	Over-Spray Area	<10	85.5	38.8	124.3	<.05	<.05	<.05	<.150	<.300	16
W43	H224406-11	9/21/2022	0"-6"	Over-Spray Area	<10	148	74.6	222.6	-	-	-	-	-	-
W-43	H232310-06	5/9/2023	0"-6"	Over-Spray Area	<10	<10	<10	<10	-	-	-	-	-	-
W44	H223954-80	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
W45	H223954-81	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
W46	H223954-82	8/25/2022	0"-6"	Over-Spray Area	<10	61.2	33.6	94.8	<.05	<.05	<.05	<.150	<.300	<16
W47	H223954-83	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
W48	H223954-84	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
W49	H223954-85	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
W50	H223954-86	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
W51	H223954-87	8/25/2022	0"-6"	Over-Spray Area	<10	25.7	10.3	36	<.05	<.05	<.05	<.150	<.300	<16
W52	H223954-88	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
W53	H223954-89	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
W54	H223954-90	8/25/2022	0"-6"	Over-Spray Area	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16

Sample ID	Lab Sample ID	Sample Date	Sample Depth	Soil type	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
					GRO	DRO	MRO	Total						
RRALs					100 (mg/kg)				10 (mg/kg)				50 (mg/kg)	600 (mg/kg)
Delineation Samples														
1	H211544-01	6/16/2021	0"-6"	Delineation	269	39500	12100	51869	-	-	-	-	-	544
2	H211544-02	6/16/2021	0"-6"	Delineation	<100	19600	5780	25380	-	-	-	-	-	16
3	H211544-03	6/16/2021	0"-6"	Delineation	<100	2290	955	3245	-	-	-	-	-	16
4	H211544-04	6/16/2021	0"-6"	Delineation	<10	12.8	<10	12.8	-	-	-	-	-	<16
5	H211544-05	6/16/2021	0"-6"	Delineation	<10	264	108	372	-	-	-	-	-	496
6	H211544-06	6/16/2021	0"-6"	Delineation	<10	1270	430	1700	-	-	-	-	-	1930
EK29 H1-6"	H240825-01	2/20/2024	0"-6"	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
EK29 H2-6"	H240825-02	2/20/2024	0"-6"	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
EK29 H3-6"	H240825-03	2/20/2024	0"-6"	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
EK29 H4-6"	H240825-04	2/20/2024	0"-6"	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
EK29 H5-6"	H240825-05	2/20/2024	0"-6"	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
EK29 H6-6"	H240825-06	2/20/2024	0"-6"	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
EK29 V1-S	H240825-07	2/20/2024	5'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
EK29 V1-2'	H240825-08	2/20/2024	2'	Delineation	<10	18	<10	18	<.05	<.05	<.05	<.150	<.300	<16
EK29 V1-4'	H240825-09	2/20/2024	4'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
EK29 V2-S	H240825-10	2/20/2024	5'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
EK29 V2-2'	H240825-11	2/20/2024	2'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
EK29 V2-4'	H240825-12	2/20/2024	4'	Delineation	<10	27.8	<10	27.8	<.05	<.05	<.05	<.150	<.300	<16
EK29 V3-S	H240825-13	2/20/2024	5'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
EK29 V3-2'	H240825-14	2/20/2024	2'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
EK29 V3-4'	H240825-15	2/20/2024	4'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
EK29 V4-S	H240825-16	2/20/2024	5'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
EK29 V4-2'	H240825-17	2/20/2024	2'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
EK29 V4-4'	H240825-18	2/20/2024	4'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	<16
EK29 V5-S	H240825-19	2/20/2024	5'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
EK29 V5-2'	H240825-20	2/20/2024	2'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
EK29 V5-4'	H240825-21	2/20/2024	4'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
EK29 V6-S	H240825-22	2/20/2024	5'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	32
EK29 V6-2'	H240825-23	2/20/2024	2'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	16
EK29 V6-4'	H240825-24	2/20/2024	4'	Delineation	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	144

APPENDIX D  
LAB REPORTS

**RXSoil, Inc.**  
**105 W Main St. Decatur, TX 76234**



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

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June 21, 2021

JACE CARAWAY

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: PRIMA EK 29-3

Enclosed are the results of analyses for samples received by the laboratory on 06/16/21 13:30.

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". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/16/2021	Sampling Date:	06/16/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	PRIMA EK 29-3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

**Sample ID: 1 (H211544-01)**

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>544</b>	16.0	06/18/2021	ND	416	104	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>269</b>	100	06/18/2021	ND	193	96.3	200	1.56		
<b>DRO &gt;C10-C28*</b>	<b>39500</b>	100	06/18/2021	ND	214	107	200	8.37		
<b>EXT DRO &gt;C28-C36</b>	<b>12100</b>	100	06/18/2021	ND						

Surrogate: 1-Chlorooctane 133 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 1400 % 38.9-142

**Sample ID: 2 (H211544-02)**

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>16.0</b>	16.0	06/18/2021	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<100	100	06/18/2021	ND	193	96.3	200	1.56		
<b>DRO &gt;C10-C28*</b>	<b>19600</b>	100	06/18/2021	ND	214	107	200	8.37		
<b>EXT DRO &gt;C28-C36</b>	<b>5780</b>	100	06/18/2021	ND						

Surrogate: 1-Chlorooctane 99.5 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 866 % 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.  
 JACE CARAWAY  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	06/16/2021	Sampling Date:	06/16/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	PRIMA EK 29-3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

**Sample ID: 3 (H211544-03)**

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>16.0</b>	16.0	06/18/2021	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*	<100	100	06/18/2021	ND	193	96.3	200	1.56		
<b>DRO &gt;C10-C28*</b>	<b>2290</b>	100	06/18/2021	ND	214	107	200	8.37		
<b>EXT DRO &gt;C28-C36</b>	<b>955</b>	100	06/18/2021	ND						
<i>Surrogate: 1-Chlorooctane</i>		<i>100 %</i>	<i>44.3-133</i>							
<i>Surrogate: 1-Chlorooctadecane</i>		<i>194 %</i>	<i>38.9-142</i>							

**Sample ID: 4 (H211544-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/18/2021	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	06/18/2021	ND	193	96.3	200	1.56		
<b>DRO &gt;C10-C28*</b>	<b>12.8</b>	10.0	06/18/2021	ND	214	107	200	8.37		
EXT DRO >C28-C36	<10.0	10.0	06/18/2021	ND						
<i>Surrogate: 1-Chlorooctane</i>		<i>87.7 %</i>	<i>44.3-133</i>							
<i>Surrogate: 1-Chlorooctadecane</i>		<i>85.5 %</i>	<i>38.9-142</i>							

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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:**

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

Received:	06/16/2021	Sampling Date:	06/16/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	PRIMA EK 29-3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

**Sample ID: 5 (H211544-05)**

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>496</b>	16.0	06/18/2021	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	06/18/2021	ND	193	96.3	200	1.56	
<b>DRO &gt;C10-C28*</b>	<b>264</b>	10.0	06/18/2021	ND	214	107	200	8.37	
<b>EXT DRO &gt;C28-C36</b>	<b>108</b>	10.0	06/18/2021	ND					
<i>Surrogate: 1-Chlorooctane</i>	87.2 %	44.3-133							
<i>Surrogate: 1-Chlorooctadecane</i>	92.2 %	38.9-142							

**Sample ID: 6 (H211544-06)**

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>1960</b>	16.0	06/18/2021	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	06/18/2021	ND	193	96.3	200	1.56	
<b>DRO &gt;C10-C28*</b>	<b>1270</b>	10.0	06/18/2021	ND	214	107	200	8.37	
<b>EXT DRO &gt;C28-C36</b>	<b>430</b>	10.0	06/18/2021	ND					
<i>Surrogate: 1-Chlorooctane</i>	88.9 %	44.3-133							
<i>Surrogate: 1-Chlorooctadecane</i>	121 %	38.9-142							

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- 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





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November 02, 2021

HAYES ADAMS

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: EK 29

Enclosed are the results of analyses for samples received by the laboratory on 10/27/21 11:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 "Mike Snyder". The signature is fluid and cursive.

Mike Snyder For 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:	10/27/2021	Sampling Date:	10/26/2021
Reported:	11/02/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS NM		

**Sample ID: SP. 1 (H213023-01)**

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	10/28/2021	ND	1.97	98.3	2.00	10.5		
Toluene*	<0.050	0.050	10/28/2021	ND	1.87	93.6	2.00	10.9		
Ethylbenzene*	<0.050	0.050	10/28/2021	ND	1.86	93.0	2.00	11.3		
Total Xylenes*	<0.150	0.150	10/28/2021	ND	5.62	93.7	6.00	11.2		
Total BTEX	<0.300	0.300	10/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>16.0</b>	16.0	10/29/2021	ND	416	104	400	7.41		

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	10/29/2021	ND	202	101	200	2.92		
<b>DRO &gt;C10-C28*</b>	<b>101</b>	10.0	10/29/2021	ND	214	107	200	6.13		
<b>EXT DRO &gt;C28-C36</b>	<b>29.9</b>	10.0	10/29/2021	ND						

Surrogate: 1-Chlorooctane 91.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.1 % 38.9-142

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\* = Accredited Analyte

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



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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:	10/27/2021	Sampling Date:	10/26/2021
Reported:	11/02/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS NM		

**Sample ID: SP. 2 (H213023-02)**

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	10/28/2021	ND	1.97	98.3	2.00	10.5	
Toluene*	<0.050	0.050	10/28/2021	ND	1.87	93.6	2.00	10.9	
Ethylbenzene*	<0.050	0.050	10/28/2021	ND	1.86	93.0	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2021	ND	5.62	93.7	6.00	11.2	
Total BTEX	<0.300	0.300	10/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/29/2021	ND	416	104	400	7.41	

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	10/29/2021	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/29/2021	ND	214	107	200	6.13	
EXT DRO >C28-C36	<10.0	10.0	10/29/2021	ND					

Surrogate: 1-Chlorooctane 98.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.4 % 38.9-142

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



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

**Analytical Results For:**

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

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	11/02/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS NM		

**Sample ID: SP. 3 (H213023-03)**

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	10/28/2021	ND	1.97	98.3	2.00	10.5	
Toluene*	<0.050	0.050	10/28/2021	ND	1.87	93.6	2.00	10.9	
Ethylbenzene*	<0.050	0.050	10/28/2021	ND	1.86	93.0	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2021	ND	5.62	93.7	6.00	11.2	
Total BTEX	<0.300	0.300	10/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/29/2021	ND	416	104	400	7.41	

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	10/29/2021	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/29/2021	ND	214	107	200	6.13	
EXT DRO >C28-C36	<10.0	10.0	10/29/2021	ND					

Surrogate: 1-Chlorooctane 93.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.8 % 38.9-142

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



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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: 10/27/2021  
 Reported: 11/02/2021  
 Project Name: EK 29  
 Project Number: NONE GIVEN  
 Project Location: HOBBS NM

Sampling Date: 10/26/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP. 4 (H213023-04)**

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	10/28/2021	ND	1.97	98.3	2.00	10.5	
Toluene*	<0.050	0.050	10/28/2021	ND	1.87	93.6	2.00	10.9	
Ethylbenzene*	<0.050	0.050	10/28/2021	ND	1.86	93.0	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2021	ND	5.62	93.7	6.00	11.2	
Total BTEX	<0.300	0.300	10/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/29/2021	ND	416	104	400	7.41	

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	10/29/2021	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/29/2021	ND	214	107	200	6.13	
EXT DRO >C28-C36	<10.0	10.0	10/29/2021	ND					

Surrogate: 1-Chlorooctane 95.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.2 % 38.9-142

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



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**Analytical Results For:**

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

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	11/02/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS NM		

**Sample ID: SP. 5 (H213023-05)**

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	10/28/2021	ND	1.97	98.3	2.00	10.5	
Toluene*	<0.050	0.050	10/28/2021	ND	1.87	93.6	2.00	10.9	
Ethylbenzene*	<0.050	0.050	10/28/2021	ND	1.86	93.0	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2021	ND	5.62	93.7	6.00	11.2	
Total BTEX	<0.300	0.300	10/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/29/2021	ND	416	104	400	7.41	

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	10/29/2021	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/29/2021	ND	214	107	200	6.13	
EXT DRO >C28-C36	<10.0	10.0	10/29/2021	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.3 % 38.9-142

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



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

**Analytical Results For:**

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

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	11/02/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS NM		

**Sample ID: SP. 6 (H213023-06)**

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	11/01/2021	ND	2.14	107	2.00	2.68	
<b>Toluene*</b>	<b>0.173</b>	0.050	11/01/2021	ND	2.03	102	2.00	2.80	
Ethylbenzene*	<0.050	0.050	11/01/2021	ND	2.05	102	2.00	3.25	
Total Xylenes*	<0.150	0.150	11/01/2021	ND	6.21	104	6.00	3.95	
<b>Total BTEX</b>	<b>0.333</b>	0.300	11/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	10/29/2021	ND	416	104	400	7.41	

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	10/29/2021	ND	202	101	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/29/2021	ND	214	107	200	6.13	
EXT DRO >C28-C36	<10.0	10.0	10/29/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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\*=Accredited Analyte

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



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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

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Handwritten signature of Mike Snyder

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





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December 10, 2021

HAYES ADAMS

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: EK 29

Enclosed are the results of analyses for samples received by the laboratory on 12/08/21 8:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:	12/08/2021	Sampling Date:	12/07/2021
Reported:	12/10/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	HOBBS NM		

**Sample ID: 1 (H213530-01)**

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	12/09/2021	ND	2.00	100	2.00	4.68	
Toluene*	<0.050	0.050	12/09/2021	ND	2.05	102	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	2.04	102	2.00	0.412	
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.25	104	6.00	1.67	
Total BTEX	<0.300	0.300	12/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/10/2021	ND	184	92.0	200	18.4		
<b>DRO &gt;C10-C28*</b>	<b>2990</b>	10.0	12/10/2021	ND	206	103	200	4.61		
<b>EXT DRO &gt;C28-C36</b>	<b>841</b>	10.0	12/10/2021	ND						

Surrogate: 1-Chlorooctane 98.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 218 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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:	12/08/2021	Sampling Date:	12/07/2021
Reported:	12/10/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	HOBBS NM		

**Sample ID: 2 (H213530-02)**

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	12/09/2021	ND	2.00	100	2.00	4.68	
Toluene*	<0.050	0.050	12/09/2021	ND	2.05	102	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	2.04	102	2.00	0.412	
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.25	104	6.00	1.67	
Total BTEX	<0.300	0.300	12/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

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	12/09/2021	ND	184	92.0	200	18.4	
<b>DRO &gt;C10-C28*</b>	<b>288</b>	10.0	12/09/2021	ND	206	103	200	4.61	
<b>EXT DRO &gt;C28-C36</b>	<b>109</b>	10.0	12/09/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 112 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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:	12/08/2021	Sampling Date:	12/07/2021
Reported:	12/10/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	HOBBS NM		

**Sample ID: 3 (H213530-03)**

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	12/09/2021	ND	2.00	100	2.00	4.68		
Toluene*	<0.050	0.050	12/09/2021	ND	2.05	102	2.00	1.07		
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	2.04	102	2.00	0.412		
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.25	104	6.00	1.67		
Total BTEX	<0.300	0.300	12/09/2021	ND						

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

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	12/09/2021	ND	184	92.0	200	18.4		
<b>DRO &gt;C10-C28*</b>	<b>295</b>	10.0	12/09/2021	ND	206	103	200	4.61		
<b>EXT DRO &gt;C28-C36</b>	<b>150</b>	10.0	12/09/2021	ND						

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 108 % 38.9-142

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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: 12/08/2021  
 Reported: 12/10/2021  
 Project Name: EK 29  
 Project Number: NONE GIVEN  
 Project Location: HOBBS NM

Sampling Date: 12/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: 4 (H213530-04)**

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	12/09/2021	ND	2.00	100	2.00	4.68	
Toluene*	<0.050	0.050	12/09/2021	ND	2.05	102	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	2.04	102	2.00	0.412	
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.25	104	6.00	1.67	
Total BTEX	<0.300	0.300	12/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

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	12/09/2021	ND	184	92.0	200	18.4	
<b>DRO &gt;C10-C28*</b>	<b>147</b>	10.0	12/09/2021	ND	206	103	200	4.61	
<b>EXT DRO &gt;C28-C36</b>	<b>77.9</b>	10.0	12/09/2021	ND					

Surrogate: 1-Chlorooctane 99.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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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:	12/08/2021	Sampling Date:	12/07/2021
Reported:	12/10/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	HOBBS NM		

**Sample ID: 5 (H213530-05)**

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	12/09/2021	ND	2.00	100	2.00	4.68		
Toluene*	<0.050	0.050	12/09/2021	ND	2.05	102	2.00	1.07		
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	2.04	102	2.00	0.412		
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.25	104	6.00	1.67		
Total BTEX	<0.300	0.300	12/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	12/09/2021	ND	184	92.0	200	18.4		
<b>DRO &gt;C10-C28*</b>	<b>193</b>	10.0	12/09/2021	ND	206	103	200	4.61		
<b>EXT DRO &gt;C28-C36</b>	<b>124</b>	10.0	12/09/2021	ND						

Surrogate: 1-Chlorooctane 92.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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:	12/08/2021	Sampling Date:	12/07/2021
Reported:	12/10/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	HOBBS NM		

**Sample ID: 6 (H213530-06)**

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	12/09/2021	ND	2.00	100	2.00	4.68	
Toluene*	<0.050	0.050	12/09/2021	ND	2.05	102	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	2.04	102	2.00	0.412	
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.25	104	6.00	1.67	
Total BTEX	<0.300	0.300	12/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	12/09/2021	ND	184	92.0	200	18.4	
DRO >C10-C28*	<10.0	10.0	12/09/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/09/2021	ND					

Surrogate: 1-Chlorooctane 99.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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:	12/08/2021	Sampling Date:	12/07/2021
Reported:	12/10/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	HOBBS NM		

**Sample ID: 7 (H213530-07)**

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	12/09/2021	ND	2.00	100	2.00	4.68	
Toluene*	<0.050	0.050	12/09/2021	ND	2.05	102	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	2.04	102	2.00	0.412	
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.25	104	6.00	1.67	
Total BTEX	<0.300	0.300	12/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

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	12/09/2021	ND	184	92.0	200	18.4	
DRO >C10-C28*	<10.0	10.0	12/09/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/09/2021	ND					

Surrogate: 1-Chlorooctane 99.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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:	12/08/2021	Sampling Date:	12/07/2021
Reported:	12/10/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	HOBBS NM		

**Sample ID: 8 (H213530-08)**

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	12/09/2021	ND	2.00	100	2.00	4.68	
Toluene*	<0.050	0.050	12/09/2021	ND	2.05	102	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	2.04	102	2.00	0.412	
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.25	104	6.00	1.67	
Total BTEX	<0.300	0.300	12/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

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	12/09/2021	ND	184	92.0	200	18.4	
DRO >C10-C28*	<10.0	10.0	12/09/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/09/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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:	12/08/2021	Sampling Date:	12/07/2021
Reported:	12/10/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	HOBBS NM		

**Sample ID: 9 (H213530-09)**

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	12/09/2021	ND	2.00	100	2.00	4.68	
Toluene*	<0.050	0.050	12/09/2021	ND	2.05	102	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	2.04	102	2.00	0.412	
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.25	104	6.00	1.67	
Total BTEX	<0.300	0.300	12/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

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	12/09/2021	ND	184	92.0	200	18.4	
DRO >C10-C28*	<10.0	10.0	12/09/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/09/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.1 % 38.9-142

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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:**

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

Received:	12/08/2021	Sampling Date:	12/07/2021
Reported:	12/10/2021	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	HOBBS NM		

**Sample ID: 10 (H213530-10)**

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	12/09/2021	ND	2.00	100	2.00	4.68		
Toluene*	<0.050	0.050	12/09/2021	ND	2.05	102	2.00	1.07		
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	2.04	102	2.00	0.412		
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.25	104	6.00	1.67		
Total BTEX	<0.300	0.300	12/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

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	12/09/2021	ND	184	92.0	200	18.4		
<b>DRO &gt;C10-C28*</b>	<b>85.9</b>	10.0	12/09/2021	ND	206	103	200	4.61		
<b>EXT DRO &gt;C28-C36</b>	<b>72.6</b>	10.0	12/09/2021	ND						

Surrogate: 1-Chlorooctane 98.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.6 % 38.9-142

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04 The RPD for the BS/BSD was outside of historical limits.
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





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September 01, 2022

MATTHEW LONGCRIER

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: EK 29 #3

Enclosed are the results of analyses for samples received by the laboratory on 08/29/22 8:27.

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 written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 1 (H223954-01)**

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	08/31/2022	ND	2.05	103	2.00	0.447	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	0.0474	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.18	103	6.00	1.52	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/30/2022	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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 2 (H223954-02)**

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	08/31/2022	ND	2.05	103	2.00	0.447	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	0.0474	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.18	103	6.00	1.52	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 3 (H223954-03)**

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	08/31/2022	ND	2.05	103	2.00	0.447	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	0.0474	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.18	103	6.00	1.52	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 4 (H223954-04)**

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	08/31/2022	ND	2.05	103	2.00	0.447	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	0.0474	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.18	103	6.00	1.52	
Total BTEX	<0.300	0.300	08/31/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 5 (H223954-05)**

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	08/31/2022	ND	2.05	103	2.00	0.447	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	0.0474	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.18	103	6.00	1.52	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 6 (H223954-06)**

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	08/31/2022	ND	2.05	103	2.00	0.447	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	0.0474	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.18	103	6.00	1.52	
Total BTEX	<0.300	0.300	08/31/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 7 (H223954-07)**

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	08/31/2022	ND	2.05	103	2.00	0.447	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	0.0474	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.18	103	6.00	1.52	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 8 (H223954-08)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 9 (H223954-09)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 10 (H223954-10)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 11 (H223954-11)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/30/2022	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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 12 (H223954-12)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 13 (H223954-13)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 130 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 14 (H223954-14)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 97.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 15 (H223954-15)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 98.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 16 (H223954-16)**

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	08/30/2022	ND	2.05	103	2.00	1.43		
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87		
Total BTEX	<0.300	0.300	08/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/30/2022	ND	432	108	400	3.64		

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	08/31/2022	ND	197	98.4	200	0.534		
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19		
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND						

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 17 (H223954-17)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 120 % 45.3-161

Surrogate: 1-Chlorooctadecane 143 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 18 (H223954-18)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 19 (H223954-19)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 117 % 45.3-161

Surrogate: 1-Chlorooctadecane 139 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 20 (H223954-20)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 21 (H223954-21)**

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	08/30/2022	ND	2.05	103	2.00	1.43		
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87		
Total BTEX	<0.300	0.300	08/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/30/2022	ND	432	108	400	3.64		

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	08/31/2022	ND	197	98.4	200	0.534		
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19		
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND						

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 22 (H223954-22)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 23 (H223954-23)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 98.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 24 (H223954-24)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 25 (H223954-25)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 26 (H223954-26)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 27 (H223954-27)**

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	08/30/2022	ND	2.05	103	2.00	1.43	
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	99.8	2.00	2.13	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.96	98.1	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.05	101	6.00	1.87	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 28 (H223954-28)**

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	08/30/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 29 (H223954-29)**

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	08/30/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 30 (H223954-30)**

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	08/30/2022	ND	2.07	103	2.00	11.9		
Toluene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.1		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.7		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.23	104	6.00	11.3		
Total BTEX	<0.300	0.300	08/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/30/2022	ND	432	108	400	3.64		

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	08/31/2022	ND	197	98.4	200	0.534		
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19		
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND						

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 31 (H223954-31)**

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	08/30/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	ND	432	108	400	3.64	

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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 32 (H223954-32)**

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	08/30/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	197	98.4	200	0.534	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	210	105	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 33 (H223954-33)**

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	08/30/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 96.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 34 (H223954-34)**

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	08/30/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 35 (H223954-35)**

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	08/30/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 121 % 45.3-161

Surrogate: 1-Chlorooctadecane 136 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: N 36 (H223954-36)**

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	08/30/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 1 (H223954-37)**

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	08/30/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>192</b>	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
<b>DRO &gt;C10-C28*</b>	<b>50.1</b>	10.0	08/31/2022	ND	193	96.4	200	1.91	
<b>EXT DRO &gt;C28-C36</b>	<b>14.2</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 2 (H223954-38)**

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	08/30/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
<b>DRO &gt;C10-C28*</b>	<b>62.8</b>	10.0	08/31/2022	ND	193	96.4	200	1.91	
<b>EXT DRO &gt;C28-C36</b>	<b>14.5</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 3 (H223954-39)**

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	08/31/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
<b>DRO &gt;C10-C28*</b>	<b>73.9</b>	10.0	08/31/2022	ND	193	96.4	200	1.91	
<b>EXT DRO &gt;C28-C36</b>	<b>22.1</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 4 (H223954-40)**

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	08/31/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 5 (H223954-41)**

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	08/31/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
<b>DRO &gt;C10-C28*</b>	<b>29.9</b>	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 6 (H223954-42)**

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	08/31/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
DRO >C10-C28*	73.7	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	20.4	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 7 (H223954-43)**

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	08/31/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
<b>DRO &gt;C10-C28*</b>	<b>177</b>	10.0	08/31/2022	ND	193	96.4	200	1.91	
<b>EXT DRO &gt;C28-C36</b>	<b>64.0</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 96.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 8 (H223954-44)**

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	08/31/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 9 (H223954-45)**

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	08/31/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
<b>DRO &gt;C10-C28*</b>	<b>13.9</b>	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 95.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 10 (H223954-46)**

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	08/31/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>112</b>	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
<b>DRO &gt;C10-C28*</b>	<b>12.6</b>	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 11 (H223954-47)**

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	08/31/2022	ND	2.07	103	2.00	11.9	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.1	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	11.7	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.23	104	6.00	11.3	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
DRO >C10-C28*	35.8	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	11.2	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 117 % 45.3-161

Surrogate: 1-Chlorooctadecane 136 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 12 (H223954-48)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
<b>DRO &gt;C10-C28*</b>	<b>270</b>	10.0	08/31/2022	ND	193	96.4	200	1.91	
<b>EXT DRO &gt;C28-C36</b>	<b>85.6</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 95.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 13 (H223954-49)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
<b>DRO &gt;C10-C28*</b>	<b>443</b>	10.0	08/31/2022	ND	193	96.4	200	1.91	
<b>EXT DRO &gt;C28-C36</b>	<b>146</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 113 % 45.3-161

Surrogate: 1-Chlorooctadecane 158 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 14 (H223954-50)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
<b>DRO &gt;C10-C28*</b>	<b>117</b>	10.0	08/31/2022	ND	193	96.4	200	1.91	
<b>EXT DRO &gt;C28-C36</b>	<b>52.0</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 113 % 45.3-161

Surrogate: 1-Chlorooctadecane 139 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 15 (H223954-51)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 16 (H223954-52)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	196	98.0	200	0.951	
<b>DRO &gt;C10-C28*</b>	<b>30.9</b>	10.0	08/31/2022	ND	193	96.4	200	1.91	
<b>EXT DRO &gt;C28-C36</b>	<b>12.9</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 17 (H223954-53)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	08/30/2022	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	08/30/2022	ND	223	112	200	1.45	
<b>DRO &gt;C10-C28*</b>	<b>73.7</b>	10.0	08/30/2022	ND	217	108	200	1.64	
<b>EXT DRO &gt;C28-C36</b>	<b>25.0</b>	10.0	08/30/2022	ND					

Surrogate: 1-Chlorooctane 74.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 18 (H223954-54)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	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	08/30/2022	ND	223	112	200	1.45	
DRO >C10-C28*	<10.0	10.0	08/30/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	08/30/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 19 (H223954-55)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	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	08/30/2022	ND	223	112	200	1.45	
DRO >C10-C28*	<10.0	10.0	08/30/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	08/30/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 20 (H223954-56)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
<b>DRO &gt;C10-C28*</b>	<b>220</b>	10.0	08/31/2022	ND	217	108	200	1.64	
<b>EXT DRO &gt;C28-C36</b>	<b>93.0</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 21 (H223954-57)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 93.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 22 (H223954-58)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 23 (H223954-59)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
<b>DRO &gt;C10-C28*</b>	<b>39.9</b>	10.0	08/31/2022	ND	217	108	200	1.64	
<b>EXT DRO &gt;C28-C36</b>	<b>15.2</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 24 (H223954-60)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
<b>DRO &gt;C10-C28*</b>	<b>75.6</b>	10.0	08/31/2022	ND	217	108	200	1.64	
<b>EXT DRO &gt;C28-C36</b>	<b>22.2</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 25 (H223954-61)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 26 (H223954-62)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
<b>DRO &gt;C10-C28*</b>	<b>164</b>	10.0	08/31/2022	ND	217	108	200	1.64	
<b>EXT DRO &gt;C28-C36</b>	<b>84.2</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 27 (H223954-63)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
<b>DRO &gt;C10-C28*</b>	<b>228</b>	10.0	08/31/2022	ND	217	108	200	1.64	
<b>EXT DRO &gt;C28-C36</b>	<b>86.1</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 28 (H223954-64)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
<b>DRO &gt;C10-C28*</b>	<b>11.5</b>	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 29 (H223954-65)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 94.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 30 (H223954-66)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 31 (H223954-67)**

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	08/31/2022	ND	2.05	102	2.00	8.45	
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	99.9	2.00	7.77	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.98	98.9	2.00	7.88	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.09	102	6.00	7.81	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
<b>DRO &gt;C10-C28*</b>	<b>23.0</b>	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 97.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 32 (H223954-68)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
<b>DRO &gt;C10-C28*</b>	<b>574</b>	10.0	08/31/2022	ND	217	108	200	1.64	
<b>EXT DRO &gt;C28-C36</b>	<b>250</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 33 (H223954-69)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
DRO >C10-C28*	55.9	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	19.9	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 34 (H223954-70)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
<b>DRO &gt;C10-C28*</b>	<b>696</b>	10.0	08/31/2022	ND	217	108	200	1.64	
<b>EXT DRO &gt;C28-C36</b>	<b>301</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 137 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 35 (H223954-71)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	08/30/2022	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	08/31/2022	ND	223	112	200	1.45	
<b>DRO &gt;C10-C28*</b>	<b>143</b>	10.0	08/31/2022	ND	217	108	200	1.64	
<b>EXT DRO &gt;C28-C36</b>	<b>73.6</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 80.7 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 36 (H223954-72)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	223	112	200	1.45	
<b>DRO &gt;C10-C28*</b>	<b>29.8</b>	10.0	08/31/2022	ND	217	108	200	1.64	
<b>EXT DRO &gt;C28-C36</b>	<b>12.4</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 95.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 37 (H223954-73)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/30/2022	ND	187	93.3	200	0.568	
<b>DRO &gt;C10-C28*</b>	<b>19.9</b>	10.0	08/30/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/30/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.1 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 38 (H223954-74)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/31/2022	ND	432	108	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	08/30/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/30/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/30/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 39 (H223954-75)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/31/2022	ND	432	108	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	08/30/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/30/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/30/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 40 (H223954-76)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/30/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/30/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/30/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 41 (H223954-77)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/30/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/30/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/30/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 42 (H223954-78)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 43 (H223954-79)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	85.5	10.0	08/31/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	38.8	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 92.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 44 (H223954-80)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 45 (H223954-81)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 95.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.8 % 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:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 46 (H223954-82)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	187	93.3	200	0.568	
<b>DRO &gt;C10-C28*</b>	<b>61.2</b>	10.0	08/31/2022	ND	182	90.9	200	4.60	
<b>EXT DRO &gt;C28-C36</b>	<b>33.6</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 47 (H223954-83)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 48 (H223954-84)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 84.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 49 (H223954-85)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 50 (H223954-86)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.1 % 46.3-178

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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 51 (H223954-87)**

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	08/31/2022	ND	2.04	102	2.00	10.6	
Toluene*	<0.050	0.050	08/31/2022	ND	2.04	102	2.00	10.5	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.5	2.00	8.76	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.13	102	6.00	7.95	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	187	93.3	200	0.568	
<b>DRO &gt;C10-C28*</b>	<b>25.7</b>	10.0	08/31/2022	ND	182	90.9	200	4.60	
<b>EXT DRO &gt;C28-C36</b>	<b>10.3</b>	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.6 % 46.3-178

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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 52 (H223954-88)**

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	08/31/2022	ND	2.01	100	2.00	14.7	QM-07
Toluene*	<0.050	0.050	08/31/2022	ND	2.24	112	2.00	15.2	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	2.19	110	2.00	15.8	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.82	114	6.00	16.5	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 96.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 53 (H223954-89)**

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	08/31/2022	ND	2.01	100	2.00	14.7	
Toluene*	<0.050	0.050	08/31/2022	ND	2.24	112	2.00	15.2	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	2.19	110	2.00	15.8	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.82	114	6.00	16.5	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/29/2022	Sampling Date:	08/25/2022
Reported:	09/01/2022	Sampling Type:	Soil
Project Name:	EK 29 #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS NM		

**Sample ID: W 54 (H223954-90)**

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	08/31/2022	ND	2.01	100	2.00	14.7	
Toluene*	<0.050	0.050	08/31/2022	ND	2.24	112	2.00	15.2	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	2.19	110	2.00	15.8	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.82	114	6.00	16.5	
Total BTEX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/31/2022	ND	432	108	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	08/31/2022	ND	187	93.3	200	0.568	
DRO >C10-C28*	<10.0	10.0	08/31/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 91.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.3 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
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

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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: AXSOIL P.O. #:  
 Project Manager: Mathew Longier Company:  
 Address: City: State: Zip: Attn:  
 City: State: Zip: Address:  
 Phone #: Fax #: Address:  
 Project #: Project Owner: Prime City: State: Zip:  
 Project Name: EK 29 #3 State: Zip:  
 Project Location: Hobbs NM Phone #: Fax #:  
 Sampler Name: Jason Cole Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		# CONTAINERS	MATRIX							DATE	TIME	TPH	C	Chloride	BTex
		GROUNDWATER	WASTEWATER		SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :						
<u>H003954</u>																	
<u>11</u>	<u>N11</u>																
<u>12</u>	<u>N12</u>																
<u>13</u>	<u>N13</u>																
<u>14</u>	<u>N14</u>																
<u>15</u>	<u>N15</u>																
<u>16</u>	<u>N16</u>																
<u>17</u>	<u>N17</u>																
<u>18</u>	<u>N18</u>																
<u>19</u>	<u>N19</u>																
<u>20</u>	<u>N20</u>																

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Relinquished By: [Signature] Date: 8/20/22 Received By: Stedeignung  
 Time: 08:27 Date: 08/27 Received By: [Signature]  
 Time: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_

Delivered By: (Circle One) Observed Temp. °C: 4.9°C Sample Condition:  Intact  Cool  Yes  No  
 Corrected Temp. °C: 4.3°C Checked By: [Signature] (Initials)  
 Sampler - UPS - Bus - Other: \_\_\_\_\_ Thermometer ID #113 Standard Rush  Bacteria (only) Sample Condition:  Cool  Intact  Yes  No  
 Correction Factor: -0.5°C 0.1°C  Yes  No Corrected Temp. °C: \_\_\_\_\_

FORM-9006 R 3-2-19/07/21  
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**BILL TO**

**ANALYSIS REQUEST**

Company Name: <u>RX SOIL</u>	P.O. #:
Project Manager: <u>Matthew Longicir</u>	Company:
Address:	Attn:
City:	Address:
State:	City:
Zip:	State:
Phone #:	Zip:
Fax #:	Phone #:
Project #:	Fax #:
Project Name: <u>EK 29 #3</u>	
Project Location: <u>Hobbs NM</u>	
Sampler Name: <u>Jason Cole</u>	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		# CONTAINERS	MATRIX							DATE	TIME	TPH	Chloride	B tex
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
<u>HA03954</u>																
	<u>N31</u>											<u>8/25</u>	<u>11:30AM</u>	<u>X</u>	<u>X</u>	<u>X</u>
	<u>N32</u>															
	<u>N33</u>															
	<u>N34</u>															
	<u>N35</u>															
	<u>N36</u>															
	<u>W1</u>															
	<u>W2</u>															
	<u>W3</u>															
	<u>W4</u>															

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Relinquished By: [Signature] Date: 08/22 Received By: [Signature] Date: 08/27

Time: \_\_\_\_\_ Time: \_\_\_\_\_

Observed Temp. °C: 4.9°C Corrected Temp. °C: 4.3°C

Sample Condition:  Intact  Cool  Yes  No

Checked By: [Signature] (Initials)

Turnaround Time: \_\_\_\_\_ Standard  Rush

Thermometer ID #13 0.6°C Bacteria (only)  Cool  Intact  Yes  No

Correction Factor: 0.6°C Sample Condition  Observed Temp. °C \_\_\_\_\_ Corrected Temp. °C \_\_\_\_\_

Remarks: \_\_\_\_\_

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>RX501L</b>		P.O. #:		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
Project Manager: <b>Mohew Langcior</b>		Company:					
Address:		Attn:					
City:		Address:					
Phone #:		City:					
Project #:		State:					
Project Name: <b>EK 29 H 3</b>		Project Owner: <b>PRIMA</b>					
Project Location: <b>Hobbs NM</b>		State:					
Sampler Name: <b>20500 (BYE)</b>		Phone #:					
FOR LAB USE ONLY		Fax #:					
Lab I.D.		Sample I.D.					
41		W 5					
42		W 6					
43		W 7					
44		W 8					
45		W 9					
46		W 10					
47		W 11					
48		W 12					
49		W 13					
50		W 14					
		(G)RAB OR (C)OMP.					
		# CONTAINERS					
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
		OTHER :					
		DATE		8/25			
		TIME		12pm			
		X		Chloride			
		X		TPH			
		X		BTEX			

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Relinquished By: *[Signature]* Date: **8/22/20** Received By: *[Signature]* Date: **8/27/20**

Delivered By: (Circle One)  UPS  Bus  Other:  Observed Temp. °C: **4.90** Corrected Temp. °C: **4.32** Sample Condition:  Cool  Intact  Yes  No  Intact  Yes  No CHECKED BY: *[Signature]* (Initials) **SRZ**

Turnaround Time:  Standard  Rush Bacteria (only)  Cool  Intact  Yes  No  Intact  Yes  No Sample Condition:  Observed Temp. °C:  Corrected Temp. °C:

Vertical Result:  Yes  No Add'l Phone #:  All Results are emailed. Please provide Email address:

REMARKS:

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: RTSOIL  
 Project Manager: Mother Longier  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: PRIMO  
 Project Name: EK 29 #3  
 Project Location: Hobs NM  
 Sampler Name: Joson Cole  
 P.O. #: \_\_\_\_\_ Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

FOR LAB USE ONLY

(G)RAB OR (C)OMP. \_\_\_\_\_  
 # CONTAINERS \_\_\_\_\_  
 MATRIX: GROUNDWATER \_\_\_\_\_ WASTEWATER \_\_\_\_\_ SOIL \_\_\_\_\_ OIL \_\_\_\_\_ SLUDGE \_\_\_\_\_  
 OTHER: \_\_\_\_\_  
 PRESERV: ACID/BASE: \_\_\_\_\_ ICE / COOL \_\_\_\_\_ OTHER: \_\_\_\_\_  
 SAMPLING: DATE \_\_\_\_\_ TIME \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TPH	B tex	Chloride
<u>H033954</u>											
<u>U1</u>	<u>W 25</u>						<u>8/25</u>	<u>12:30</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
<u>U3</u>	<u>W 26</u>										
<u>U3</u>	<u>W 27</u>										
<u>U4</u>	<u>W 28</u>										
<u>U5</u>	<u>W 29</u>										
<u>U6</u>	<u>W 30</u>										
<u>U7</u>	<u>W 31</u>										
<u>U8</u>	<u>W 32</u>										
<u>U9</u>	<u>W 33</u>										
<u>U0</u>	<u>W 34</u>										

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Relinquished By: \_\_\_\_\_  
 Date: 8/29/22  
 Time: 9:27  
 Received By: Steele Keene  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Turnaround Time: \_\_\_\_\_  
 Standard Rush -0.16  
 Bacteria (only) Sample Condition  
 Cool Intact  Yes  No  
 Corrected Temp. °C \_\_\_\_\_

Delivered By: (Circle One)  UPS  Bus  Other: \_\_\_\_\_  
 Observed Temp. °C 4.9  
 Corrected Temp. °C 4.3  
 Sample Condition Cool Intact  Yes  No  
 CHECKED BY: (Initials) SK  
 Verbal Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 All Results are emailed. Please provide Email address: \_\_\_\_\_  
 Remarks: \_\_\_\_\_  
 Cardinal cannot accept verbal changes. Please email changes to [celeykeene@cardinallabsnm.com](mailto:celeykeene@cardinallabsnm.com)



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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>RK501L</b> Project Manager: <b>Matthew Longcifer</b> Address: City: State: Zip: Phone #: Fax #: Project #: Project Owner: <b>Pima</b> Project Name: <b>EK 29 #3</b> Project Location: <b>Hobbs NM</b> Sampler Name: <b>Dogon Love</b>		<b>BILL TO</b> P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #: <b>ANALYSIS REQUEST</b>	
FOR LAB USE ONLY			
Lab I.D. <b>1193354</b> Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV SAMPLING	DATE TIME
71 W 35 72 W 36 73 W 37 74 W 38 75 W 39 76 W 40 77 W 41 78 W 42 79 W 43 80 W 44	X X X X X X X X X X	8/25 1pm	Chloride BTEX TPH
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.			
Relinquished By: <i>[Signature]</i> Date: <b>8/22</b> Time: <b>08:17</b>	Received By: <i>[Signature]</i> Date: <b>08:17</b> Time:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: <b>4.90</b> Corrected Temp. °C: <b>4.30</b>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <i>[Signature]</i> Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> Thermometer ID #13 <b>0.1°C</b> Correction Factor <b>-0.5°C</b> Bacteria (only) <input checked="" type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Sample Condition <input checked="" type="checkbox"/> Observed Temp. °C Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>RX 5012</b>		<b>BILL TO</b>	
Project Manager: <b>Matthew Longcrist</b>		P.O. #:	
Address:		Company:	
City:	State:	Zip:	Attn:
Phone #:	Fax #:	Address:	
Project #:	Project Owner: <b>Prima</b>		
Project Name: <b>EK 29 #3</b>	City:	State:	Zip:
Project Location: <b>Hobbs NM</b>	Phone #:	Fax #:	
Sampler Name: <b>Jason Lewis</b>	FOR LAB USE ONLY		

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
HA2954	W 45										8/25	1:30	X TPH
81	W 46												X BTex
82	W 47												X Chloride
83	W 48												
84	W 49												
85	W 50												
86	W 51												
87	W 52												
88	W 53												
89	W 54												

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Relinquished By: *[Signature]* Date: **8-29-22** Received By: *[Signature]* Date: **8-29**

Delivered By: (Circle One) **UPS** Observed Temp. °C **4.8** Corrected Temp. °C **4.3** Sample Condition: Cool  Intact  Bacteria (only)  Sample Condition: Cool  Intact  Observed Temp. °C **4.8** Corrected Temp. °C **4.3**

Turnaround Time: **Standard**  **Rush**  Bacteria (only)  Sample Condition: Cool  Intact  Observed Temp. °C **4.8** Corrected Temp. °C **4.3**

Thermometer ID #113 Correction Factor -0.3°C **0.0**

REMARKS: **All Results are emailed. Please provide Email address:**

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---

September 27, 2022

JACE CARAWAY

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: PRIMA EK 29

Enclosed are the results of analyses for samples received by the laboratory on 09/22/22 10:43.

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 written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PRIMA EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS, NM		

**Sample ID: W 7 (H224406-01)**

TPH 8015M	mg/kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	185	92.3	200	2.77	
<b>DRO &gt;C10-C28*</b>	<b>560</b>	10.0	09/23/2022	ND	191	95.7	200	3.97	
<b>EXT DRO &gt;C28-C36</b>	<b>270</b>	10.0	09/23/2022	ND					
<hr/>									
Surrogate: 1-Chlorooctane	95.8 %	45.3-161							
Surrogate: 1-Chlorooctadecane	123 %	46.3-178							

**Sample ID: W 12 (H224406-02)**

TPH 8015M	mg/kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	185	92.3	200	2.77	
<b>DRO &gt;C10-C28*</b>	<b>461</b>	10.0	09/23/2022	ND	191	95.7	200	3.97	
<b>EXT DRO &gt;C28-C36</b>	<b>275</b>	10.0	09/23/2022	ND					
<hr/>									
Surrogate: 1-Chlorooctane	95.5 %	45.3-161							
Surrogate: 1-Chlorooctadecane	119 %	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:**

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PRIMA EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS, NM		

**Sample ID: W 13 (H224406-03)**

TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	185	92.3	200	2.77	
<b>DRO &gt;C10-C28*</b>	<b>56.5</b>	10.0	09/23/2022	ND	191	95.7	200	3.97	
<b>EXT DRO &gt;C28-C36</b>	<b>55.7</b>	10.0	09/23/2022	ND					
<hr/>									
Surrogate: 1-Chlorooctane	99.5 %	45.3-161							
Surrogate: 1-Chlorooctadecane	104 %	46.3-178							

**Sample ID: W 14 (H224406-04)**

TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	185	92.3	200	2.77	
<b>DRO &gt;C10-C28*</b>	<b>215</b>	10.0	09/23/2022	ND	191	95.7	200	3.97	
<b>EXT DRO &gt;C28-C36</b>	<b>120</b>	10.0	09/23/2022	ND					
<hr/>									
Surrogate: 1-Chlorooctane	82.6 %	45.3-161							
Surrogate: 1-Chlorooctadecane	94.9 %	46.3-178							

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PRIMA EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS, NM		

**Sample ID: W 20 (H224406-05)**

TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	185	92.3	200	2.77	
<b>DRO &gt;C10-C28*</b>	<b>44.5</b>	10.0	09/23/2022	ND	191	95.7	200	3.97	
<b>EXT DRO &gt;C28-C36</b>	<b>27.1</b>	10.0	09/23/2022	ND					
<hr/>									
Surrogate: 1-Chlorooctane	96.8 %	45.3-161							
Surrogate: 1-Chlorooctadecane	105 %	46.3-178							

**Sample ID: W 26 (H224406-06)**

TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	185	92.3	200	2.77	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	191	95.7	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
<hr/>									
Surrogate: 1-Chlorooctane	91.1 %	45.3-161							
Surrogate: 1-Chlorooctadecane	96.2 %	46.3-178							

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PRIMA EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS, NM		

**Sample ID: W 27 (H224406-07)**

TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	177	88.6	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	176	88.1	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
<hr/>									
Surrogate: 1-Chlorooctane	97.0 %	45.3-161							
Surrogate: 1-Chlorooctadecane	101 %	46.3-178							

**Sample ID: W 32 (H224406-08)**

TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	177	88.6	200	2.16	
<b>DRO &gt;C10-C28*</b>	<b>10.3</b>	10.0	09/23/2022	ND	176	88.1	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
<hr/>									
Surrogate: 1-Chlorooctane	97.5 %	45.3-161							
Surrogate: 1-Chlorooctadecane	102 %	46.3-178							

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PRIMA EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS, NM		

**Sample ID: W 34 (H224406-09)**

TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	177	88.6	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	176	88.1	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
<hr/>									
Surrogate: 1-Chlorooctane	107 %	45.3-161							
Surrogate: 1-Chlorooctadecane	113 %	46.3-178							

**Sample ID: W 35 (H224406-10)**

TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	177	88.6	200	2.16	
<b>DRO &gt;C10-C28*</b>	<b>513</b>	10.0	09/23/2022	ND	176	88.1	200	3.20	
<b>EXT DRO &gt;C28-C36</b>	<b>214</b>	10.0	09/23/2022	ND					
<hr/>									
Surrogate: 1-Chlorooctane	90.7 %	45.3-161							
Surrogate: 1-Chlorooctadecane	106 %	46.3-178							

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PRIMA EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	PRIMA EXPLORATION - HOBBS, NM		

**Sample ID: W 43 (H224406-11)**

TPH 8015M	mg/kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	177	88.6	200	2.16	
<b>DRO &gt;C10-C28*</b>	<b>148</b>	10.0	09/23/2022	ND	176	88.1	200	3.20	
<b>EXT DRO &gt;C28-C36</b>	<b>74.6</b>	10.0	09/23/2022	ND					
<hr/>									
Surrogate: 1-Chlorooctane	98.4 %	45.3-161							
Surrogate: 1-Chlorooctadecane	106 %	46.3-178							

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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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*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: **RXSOIL**  
 Project Manager: **Jace Cornew**  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Project #: \_\_\_\_\_  
 Project Name: **Prima EK 29**  
 Project Location: **Hobbs NM**  
 Project Owner: **Prima Exploration**  
 Sampler Name: **Hobbs Adams**

P.O. #: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
HB24400	W7					X					9/21	2:39	TPH
	W12												
	W13												
	W14												
	W20												
	W26												
	W27												
	W32A												
	W34												
	W35												

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Relinquished By: \_\_\_\_\_  
 Date: **9/22/21**  
 Time: **10:13**  
 Received By: **Spedick**  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One)  
 Sample - UPS - Bus - Other: \_\_\_\_\_  
 Observed Temp. °C: **5.9°C**  
 Corrected Temp. °C: **5.3°C**  
 Sample Condition: Cool Intact  Yes  No  
 Checked By: (Initials) **SK**  
 Turnaround Time: **Standard** (Rush)   
 Bacteria (only) Sample Condition: Cool Intact  Yes  No  
 Corrected Temp. °C: \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to celeykeen@cardinalabnm.com





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

---

May 15, 2023

MAVERICK MICKLE

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: PRIMA EK 29

Enclosed are the results of analyses for samples received by the laboratory on 05/10/23 8:45.

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".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PRIMA EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PRIMA EXPLORATION - HOBBS, NM		

**Sample ID: W - 7 (H232310-01)**

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2023	ND	190	95.1	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/10/2023	ND	177	88.4	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>102 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>98.2 %</i>	<i>49.1-148</i>						

**Sample ID: W - 12 (H232310-02)**

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2023	ND	190	95.1	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/10/2023	ND	177	88.4	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>107 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>104 %</i>	<i>49.1-148</i>						

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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.  
 MAVERICK MICKLE  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PRIMA EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PRIMA EXPLORATION - HOBBS, NM		

**Sample ID: W - 13 (H232310-03)**

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2023	ND	190	95.1	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/10/2023	ND	177	88.4	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>102 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>99.4 %</i>	<i>49.1-148</i>						

**Sample ID: W - 14 (H232310-04)**

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2023	ND	190	95.1	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/10/2023	ND	177	88.4	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>102 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>97.8 %</i>	<i>49.1-148</i>						

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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.  
 MAVERICK MICKLE  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	05/10/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	PRIMA EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PRIMA EXPLORATION - HOBBS, NM		

**Sample ID: W - 35 (H232310-05)**

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2023	ND	190	95.1	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/10/2023	ND	177	88.4	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>100 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>97.2 %</i>	<i>49.1-148</i>						

**Sample ID: W - 43 (H232310-06)**

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2023	ND	190	95.1	200	1.70	
DRO >C10-C28*	<10.0	10.0	05/10/2023	ND	177	88.4	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>101 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>98.6 %</i>	<i>49.1-148</i>						

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

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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**

Company Name: <b>Rxsoil Inc</b> Project Manager: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <b>Prima Ek 29</b> Project Location: <b>lea County, NM</b> Sampler Name: <b>Maverick mickle</b> FOR LAB USE ONLY		P.O. #: _____ Company: <b>Rxsoil</b> Attn: <b>Rylee ockley</b> Address: <b>105 W Main St</b> City: <b>Decatur</b> State: <b>TX</b> Zip: <b>76234</b> Phone #: <b>682-352-1034</b> Fax #: _____	
		<b>BILL TO</b>	
		<b>ANALYSIS REQUEST</b>	
Lab I.D. <b>H232310</b>	Sample I.D. 1 EW-7 2 W-12 3 W-13 4 W-14 5 W-35 6 W-43	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV SAMPLING DATE TIME TPH
Relinquished By: <b>Mark Mc</b> Date: <b>5/10/24</b> Time: <b>8:45</b>		Received By: <b>James [Signature]</b> Date: _____ Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____		Observed Temp. °C: <b>44</b> Corrected Temp. °C: <b>41.0</b>	
Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: <b>YO</b> (Initials)	
Turnaround Time: <b>Standard</b> Rush <input type="checkbox"/>		Bacteria (only) <input checked="" type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
Thermometer ID #113 Correction Factor -0.6°C		Sample Condition Observed Temp. °C Corrected Temp. °C	
REMARKS: <b>Email to: Rxgroup</b>			
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____			

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



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

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February 26, 2024

STAN MICKLE

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: EK 29

Enclosed are the results of analyses for samples received by the laboratory on 02/20/24 14:11.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/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 written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 H 1 - 6" (H240825-01)**

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	02/21/2024	ND	2.38	119	2.00	0.186	
Toluene*	<0.050	0.050	02/21/2024	ND	2.08	104	2.00	1.25	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.05	103	2.00	0.125	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	5.92	98.7	6.00	1.61	
Total BTEX	<0.300	0.300	02/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 H 2 - 6" (H240825-02)**

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	02/21/2024	ND	2.38	119	2.00	0.186		
Toluene*	<0.050	0.050	02/21/2024	ND	2.08	104	2.00	1.25		
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.05	103	2.00	0.125		
Total Xylenes*	<0.150	0.150	02/21/2024	ND	5.92	98.7	6.00	1.61		
Total BTEX	<0.300	0.300	02/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/22/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	1.51		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 H 3 - 6" (H240825-03)**

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	02/21/2024	ND	2.38	119	2.00	0.186	
Toluene*	<0.050	0.050	02/21/2024	ND	2.08	104	2.00	1.25	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.05	103	2.00	0.125	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	5.92	98.7	6.00	1.61	
Total BTEX	<0.300	0.300	02/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 H 4 - 6" (H240825-04)**

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	02/23/2024	ND	2.23	112	2.00	0.0802	
Toluene*	<0.050	0.050	02/23/2024	ND	1.91	95.7	2.00	0.0271	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	1.86	93.2	2.00	0.150	
Total Xylenes*	<0.150	0.150	02/23/2024	ND	5.28	87.9	6.00	0.134	
Total BTEX	<0.300	0.300	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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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.  
 STAN MICKLE  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 H 5 - 6" (H240825-05)**

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	02/23/2024	ND	2.23	112	2.00	0.0802	
Toluene*	<0.050	0.050	02/23/2024	ND	1.91	95.7	2.00	0.0271	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	1.86	93.2	2.00	0.150	
Total Xylenes*	<0.150	0.150	02/23/2024	ND	5.28	87.9	6.00	0.134	
Total BTEX	<0.300	0.300	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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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.  
 STAN MICKLE  
 201 MAIN STREET, SUITE 1360  
 FORT WORTH TX, 76102  
 Fax To: NA

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 H 6 - 6" (H240825-06)**

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	02/22/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/22/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/22/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	199	99.4	200	2.79		
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	203	101	200	1.51		
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND						

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 1 - S (H240825-07)**

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	02/22/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/22/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	1.51		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 1 - 2' (H240825-08)**

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	02/22/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/22/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79		
<b>DRO &gt;C10-C28*</b>	<b>18.0</b>	10.0	02/21/2024	ND	203	101	200	1.51		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 1 - 4' (H240825-09)**

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	02/22/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/22/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	1.51		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 2 - S (H240825-10)**

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	02/22/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/22/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	1.51		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 2 - 2' (H240825-11)**

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	02/22/2024	ND	2.22	111	2.00	1.38	
Toluene*	<0.050	0.050	02/22/2024	ND	2.21	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.17	109	2.00	1.17	
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.34	106	6.00	1.13	
Total BTEX	<0.300	0.300	02/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 2 - 4' (H240825-12)**

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	02/22/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/22/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79		
<b>DRO &gt;C10-C28*</b>	<b>27.8</b>	10.0	02/21/2024	ND	203	101	200	1.51		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 3 - S (H240825-13)**

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	02/23/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/23/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	1.51		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 3 - 2' (H240825-14)**

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	02/23/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/23/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	199	99.4	200	2.79		
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	203	101	200	1.51		
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND						

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 3 - 4' (H240825-15)**

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	02/23/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/23/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	1.51		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 4 - S (H240825-16)**

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	02/23/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/23/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	199	99.4	200	2.79		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	1.51		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 4 - 2' (H240825-17)**

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	02/23/2024	ND	2.22	111	2.00	1.38	
Toluene*	<0.050	0.050	02/23/2024	ND	2.21	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.17	109	2.00	1.17	
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.34	106	6.00	1.13	
Total BTEX	<0.300	0.300	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	201	100	200	7.03	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	200	99.9	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 4 - 4' (H240825-18)**

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	02/23/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/23/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	201	100	200	7.03		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	200	99.9	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 5 - S (H240825-19)**

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	02/23/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/23/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	201	100	200	7.03		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	200	99.9	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 5 - 2' (H240825-20)**

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	02/23/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/23/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	201	100	200	7.03		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	200	99.9	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 5 - 4' (H240825-21)**

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	02/23/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/23/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	201	100	200	7.03		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	200	99.9	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 6 - S (H240825-22)**

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	02/23/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/23/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	201	100	200	7.03		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	200	99.9	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 6 - 2' (H240825-23)**

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	02/23/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/23/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	201	100	200	7.03		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	200	99.9	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	EK 29	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY NM		

**Sample ID: EK 29 V 6 - 4' (H240825-24)**

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	02/23/2024	ND	2.22	111	2.00	1.38		
Toluene*	<0.050	0.050	02/23/2024	ND	2.21	110	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.17	109	2.00	1.17		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.34	106	6.00	1.13		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>144</b>	16.0	02/22/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	201	100	200	7.03		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	200	99.9	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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

1/3

Company Name: RX Soil **BILL TO** P.O. #:

Project Manager: Stan Mickle Company: RX Soil

Address: 105 W Main St Attn: Plyce Oakley

City: Decatur State: TX zip: 76234 Address: 105 W Main

Phone #: 682-352-1039 Fax #: Project Owner: Stan Mickle

Project #: Project Location: Lea County State: TX zip: 76234

Project Name: EK29 Phone #: 682-352-1039

Sampler Name: Tristan Turley Fax #:

Lab I.D.	Sample I.D.	DATE	TIME	MATRIX							PRESERV.	SAMPLING	ANALYSIS REQUEST
				(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE			
<u>H240885</u>	<u>1 EK29 H1-6"</u>	<u>2-20</u>	<u>11:30am</u>	<u>G</u>	<u>1</u>			<u>✓</u>			<u>✓</u>		<u>Chlorides</u>
	<u>2 EK29 H2-6"</u>												<u>TPH</u>
	<u>3 EK29 H3-6"</u>												<u>BTex</u>
	<u>4 EK29 H4-6"</u>												
	<u>5 EK29 HS-6"</u>												
	<u>6 EK29 H6-6"</u>												
	<u>7 EK29 V1-S</u>												
	<u>8 EK29 V1-2</u>												
	<u>9 EK29 V1-4</u>												
	<u>10 EK29 V2-S</u>												

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Relinquished By: [Signature] Date: 2-20-24 Time: 1411 Received By: [Signature]

Delivered By: (Circle One) Observed Temp. °C: -0.1°C Corrected Temp. °C: 0.1°C Sample Condition: Intact Checked By: [Signature]

Sampler - UPS - Bus - Other: Other Cool Intact: Yes No: No Turnaround Time: Standard Bacteria (only) Sample Condition: Intact Cool Intact: Yes No: No Corrected Temp. °C: 0.1°C

REMARKS: email to Exgroup

Verbal Result:  Yes  No  Add'l Phone #:           

All Results are emailed. Please provide Email address:





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Rx Soil **BILL TO** ANALYSIS REQUEST

Project Manager: Stan Mickle P.O. #:

Address: 105 W Main St Company: Rx Soil

City: Decatur State: TX zip: 76234 Attn: Rylee Oakley

Phone #: 682-352-1039 Fax #: Address: 105 W Main St

Project #: Project Owner: Stan Mickle City: Decatur

Project Name: EK29 State: TX zip: 76234

Project Location: Lea County Phone #: 682-352-1039

Sampler Name: Tristan Turley Fax #:

FOR LAB USE ONLY

Lab I.D. H240825 Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
21	EK29 V5-4'	G	1									2-20	11:30	X	Chlorides
22	EK29 V6-S													X	TPH
23	EK29 V6-2'													X	BTex
24	EK29 V6-4'														

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Relinquished By: [Signature] Date: 2-20-24 Receiver By: [Signature]

Relinquished By: [Signature] Date: 1/11 Received By: [Signature]

Delivered By: (Circle One) Observed Temp. °C: -0.1°C Sample Condition:  Intact  Cool  Yes  No

Sampler - UPS - Bus - Other: Corrected Temp. °C: 0.1°C CHECKED BY: [Signature] (Initials)

Turnaround Time: Standard Bacteria (only) Sample Condition:  Intact  Cool  Yes  No

Thermometer ID #140 Correction Factor 0°C: 0.1°C Bacteria Intact:  Yes  No

Corrected Temp. °C: 0.1°C

REMARKS: email to Rxgroup

Verbal Result:  Yes  No  Add'l Phone #:

All Results are emailed. Please provide Email address:

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

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

QUESTIONS

Action 331869

**QUESTIONS**

Operator: RXSoil, Inc. 105 W Main St Decatur, TX 76234	OGRID: 329578
	Action Number: 331869
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2115330772
Incident Name	NAPP2115330772 EK 29 BS2 FEDERAL COM #003H @ 30-025-42699
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-42699] EK 29 BS2 FEDERAL COM #003H

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	EK 29 BS2 FEDERAL COM #003H
Date Release Discovered	05/23/2021
Surface Owner	Federal

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Separator   Crude Oil   Released: 15 BBL   Recovered: 0 BBL   Lost: 15 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Separator   Produced Water   Released: 0 BBL   Recovered: 0 BBL   Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Equipment Failure   Separator   Condensate   Released: 0 BBL   Recovered: 0 BBL   Lost: 0 BBL.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The oil dump on the heater plugged off with paraffin, the flare scrubber had over 3' of paraffin built up which caused the float to get stuck while closed This caused the heater treater and flare to spray the produced oil onto the pad and field next to the pad. Crude oil spill is estimated to be 15 bbls of oil only, no water was released.

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QUESTIONS, Page 2

Action 331869

**QUESTIONS (continued)**

Operator: RXSoil, Inc. 105 W Main St Decatur, TX 76234	OGRID: 329578
	Action Number: 331869
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

**Initial Response**

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

The source of the release has been stopped	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Zach Robbins Title: Environmental Engineer Email: zach.robbs@rxsoil.solutions Date: 04/10/2024
--	---

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**Oil Conservation Division**  
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**QUESTIONS (continued)**

Operator: RXSoil, Inc. 105 W Main St Decatur, TX 76234	OGRID: 329578
	Action Number: 331869
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Site Characterization**  
*Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

*Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	1930
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	51869
GRO+DRO (EPA SW-846 Method 8015M)	39769
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0

*Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.*

On what estimated date will the remediation commence	10/28/2021
On what date will (or did) the final sampling or liner inspection occur	05/12/2023
On what date will (or was) the remediation complete(d)	12/22/2021
What is the estimated surface area (in square feet) that will be reclaimed	38000
What is the estimated volume (in cubic yards) that will be reclaimed	700
What is the estimated surface area (in square feet) that will be remediated	38000
What is the estimated volume (in cubic yards) that will be remediated	700

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.*

*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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QUESTIONS, Page 4

Action 331869

**QUESTIONS (continued)**

Operator: RXSoil, Inc. 105 W Main St Decatur, TX 76234	OGRID: 329578
	Action Number: 331869
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Remediation Plan (continued)**

*Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

*(Select all answers below that apply.)*

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Yes
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

*Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Zach Robbins Title: Environmental Engineer Email: zach.robbs@rxsoil.solutions Date: 04/10/2024
--	---

*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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QUESTIONS, Page 5

Action 331869

**QUESTIONS (continued)**

Operator: RXSoil, Inc. 105 W Main St Decatur, TX 76234	OGRID:	329578
	Action Number:	331869
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 331869

**QUESTIONS (continued)**

Operator: RXSoil, Inc. 105 W Main St Decatur, TX 76234	OGRID: 329578
	Action Number: 331869
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>312790</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>02/12/2024</b>
What was the (estimated) number of samples that were to be gathered	<b>24</b>
What was the sampling surface area in square feet	<b>88000</b>

<b>Remediation Closure Request</b>	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	<b>Yes</b>
Have the lateral and vertical extents of contamination been fully delineated	<b>Yes</b>
Was this release entirely contained within a lined containment area	<b>No</b>
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	<b>Yes</b>
What was the total surface area (in square feet) remediated	<b>38000</b>
What was the total volume (cubic yards) remediated	<b>700</b>
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	<b>Yes</b>
What was the total surface area (in square feet) reclaimed	<b>38000</b>
What was the total volume (in cubic yards) reclaimed	<b>700</b>
Summarize any additional remediation activities not included by answers (above)	RXSoil's bioremediation agent RXBiotics was used to treat the hydrocarbon contamination in-place. RXBiotics is a non-genetically modified, eco-friendly blend of microbes and micro-nutrients to degrade hydrocarbons. After active delineation, RXSoil used the bioremediation product and mechanical agitation to remediate an estimated 700 cubic yards of soil below reclamation standards.

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

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

I hereby agree and sign off to the above statement	Name: Zach Robbins Title: Environmental Engineer Email: zach.robbs@rxsoil.solutions Date: 04/10/2024
--	---

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

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

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

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

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

QUESTIONS, Page 7

Action 331869

**QUESTIONS (continued)**

Operator: RXSoil, Inc. 105 W Main St Decatur, TX 76234	OGRID: 329578
	Action Number: 331869
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 331869

**CONDITIONS**

Operator: RXSoil, Inc. 105 W Main St Decatur, TX 76234	OGRID: 329578
	Action Number: 331869
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**CONDITIONS**

Created By	Condition	Condition Date
scwells	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC	4/10/2024