



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 ≤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

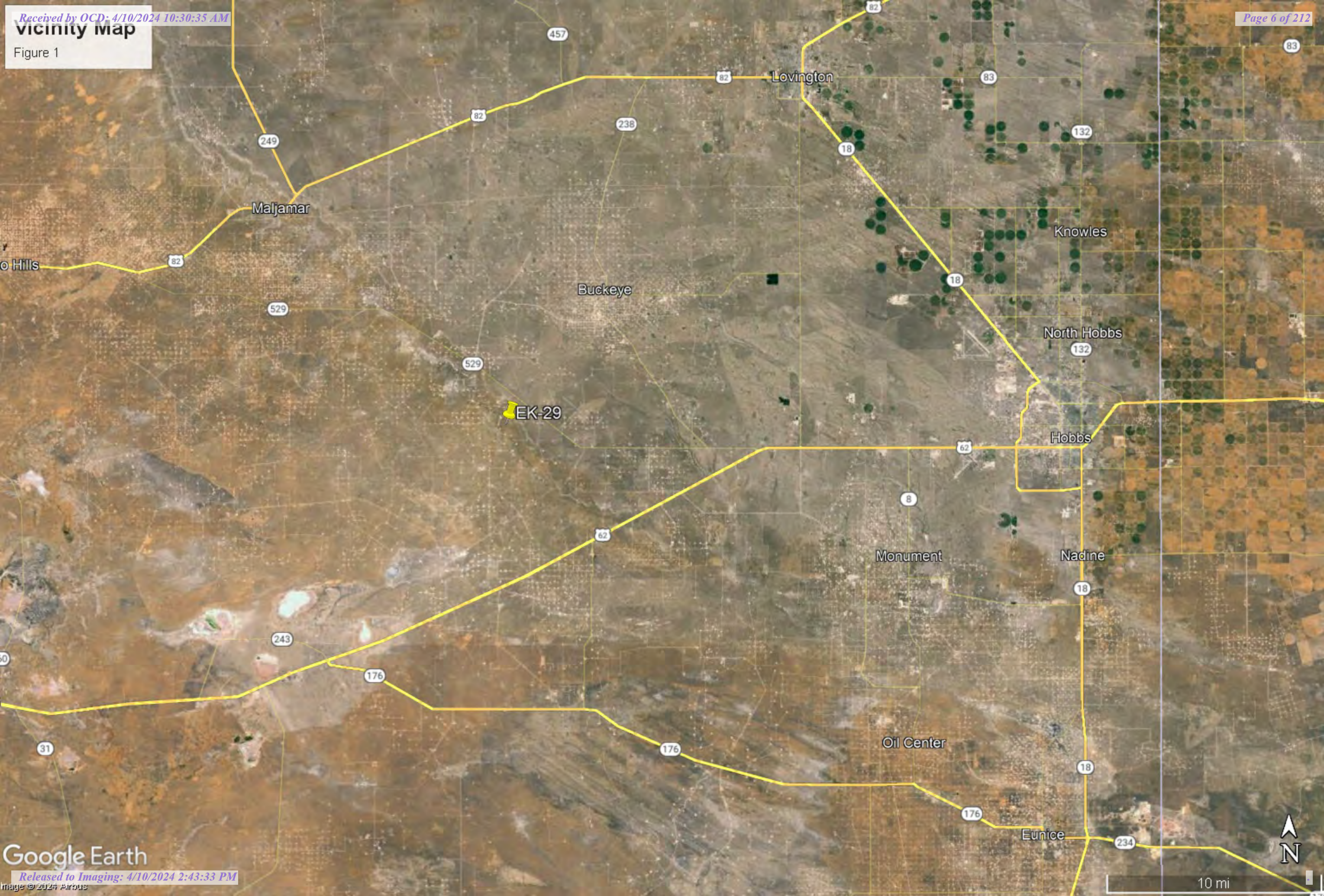




FIGURE 2
SITE OVERVIEW

EK29

Figure 2



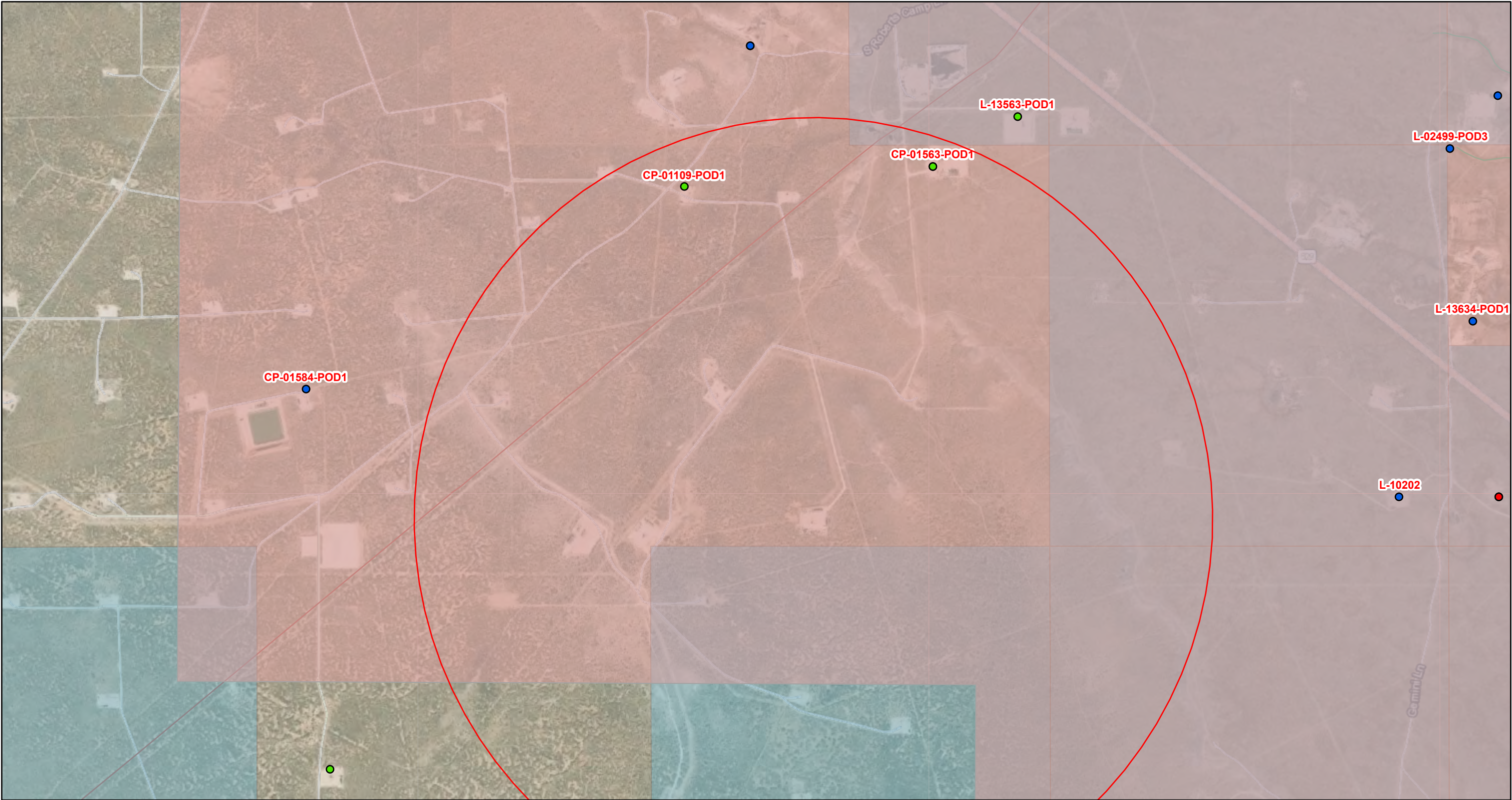
EK29

Figure 2 A



FIGURE 3
HYDROLOGY MAP

OSE POD Locations Map



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

GIS WATERS PODs

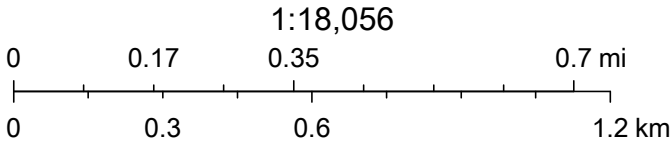
- Active
- Pending
- Plugged
- OSE District Boundary

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

Before



After



Before



After



Before



After





APPENDIX A

C-141

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.

Form C-141

State of New Mexico
Oil Conservation Division

Page 2

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
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>
<u>OCD Only</u> 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



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)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 01582 POD1	2	1	2	29	18S	34E	633167	3621715 
x									
Driller License:		1611		Driller Company:		GOERTZEN DRILLING			
Driller Name:		GOERTZEN, JOHN							
Drill Start Date:		07/12/2016		Drill Finish Date:		07/13/2016		Plug Date:	
Log File Date:		07/22/2016		PCW Rcv Date:				Source: Shallow	
Pump Type:				Pipe Discharge Size:				Estimated Yield:	
Casing Size:		10.75		Depth Well:		180 feet		Depth Water: 180 feet	
x									
Water Bearing Stratifications:				Top	Bottom	Description			
					52	150	Sandstone/Gravel/Conglomerate		
					150	175	Sandstone/Gravel/Conglomerate		
					175	180	Other/Unknown		
x									
Casing Perforations:				Top	Bottom				
					0	180			
x									

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

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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/16/2021
Reported: 06/21/2021
Project Name: PRIMA EK 29-3
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 06/16/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: 1 (H211544-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	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	
GRO C6-C10*	269	100	06/18/2021	ND	193	96.3	200	1.56		
DRO >C10-C28*	39500	100	06/18/2021	ND	214	107	200	8.37		
EXT DRO >C28-C36	12100	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, SM4500Cl-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						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		
DRO >C10-C28*	19600	100	06/18/2021	ND	214	107	200	8.37		
EXT DRO >C28-C36	5780	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, SM4500Cl-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						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		
DRO >C10-C28*	2290	100	06/18/2021	ND	214	107	200	8.37		
EXT DRO >C28-C36	955	100	06/18/2021	ND						
Surrogate: 1-Chlorooctane	100 %	44.3-133								
Surrogate: 1-Chlorooctadecane	194 %	38.9-142								

Sample ID: 4 (H211544-04)

Chloride, SM4500Cl-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		
DRO >C10-C28*	12.8	10.0	06/18/2021	ND	214	107	200	8.37		
EXT DRO >C28-C36	<10.0	10.0	06/18/2021	ND						
Surrogate: 1-Chlorooctane	87.7 %	44.3-133								
Surrogate: 1-Chlorooctadecane	85.5 %	38.9-142								

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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
Reported: 06/21/2021
Project Name: PRIMA EK 29-3
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 06/16/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: 5 (H211544-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	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		
DRO >C10-C28*	264	10.0	06/18/2021	ND	214	107	200	8.37		
EXT DRO >C28-C36	108	10.0	06/18/2021	ND						
Surrogate: 1-Chlorooctane	87.2 %	44.3-133								
Surrogate: 1-Chlorooctadecane	92.2 %	38.9-142								

Sample ID: 6 (H211544-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	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		
DRO >C10-C28*	1270	10.0	06/18/2021	ND	214	107	200	8.37		
EXT DRO >C28-C36	430	10.0	06/18/2021	ND						
Surrogate: 1-Chlorooctane	88.9 %	44.3-133								
Surrogate: 1-Chlorooctadecane	121 %	38.9-142								

Cardinal Laboratories

*=Accredited Analyte

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

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

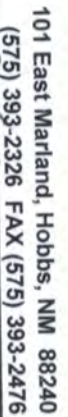
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



BILL TO

ANALYSIS REQUEST

Page 6 of 6



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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. 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	
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*	101	10.0	10/29/2021	ND	214	107	200	6.13	
EXT DRO >C28-C36	29.9	10.0	10/29/2021	ND					

Surrogate: 1-Chlorooctane 91.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.1 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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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
 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. 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, 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 98.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.4 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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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
 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. 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

Cardinal Laboratories

*=Accredited Analyte

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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
 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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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 95.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.2 % 38.9-142

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*=Accredited Analyte

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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
 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. 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

Cardinal Laboratories

*=Accredited Analyte

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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
 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. 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	
Toluene*	0.173	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	
Total BTEX	0.333	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	
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 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Mike Snyder".

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 4/10/2024 2:43:33 PM



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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
 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: 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	
DRO >C10-C28*	2990	10.0	12/10/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	841	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
 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: 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	
DRO >C10-C28*	288	10.0	12/09/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	109	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
 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: 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	
DRO >C10-C28*	295	10.0	12/09/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	150	10.0	12/09/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 108 % 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
 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	
DRO >C10-C28*	147	10.0	12/09/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	77.9	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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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: 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	
DRO >C10-C28*	193	10.0	12/09/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	124	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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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: 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
 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: 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
 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: 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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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: 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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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: 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	
DRO >C10-C28*	85.9	10.0	12/09/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	72.6	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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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.
- 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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: N 2 (H223954-02)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: N 5 (H223954-05)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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



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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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: N 7 (H223954-07)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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

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

Received: 08/29/2022
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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



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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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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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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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	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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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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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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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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Analytical Results For:

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

Received: 08/29/2022
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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 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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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 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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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



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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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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Analytical Results For:

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

Received: 08/29/2022
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: N 31 (H223954-31)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: N 32 (H223954-32)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: N 33 (H223954-33)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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



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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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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Analytical Results For:

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

Received: 08/29/2022
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: N 35 (H223954-35)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: N 36 (H223954-36)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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Analytical Results For:

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

Received: 08/29/2022
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	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*	50.1	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	14.2	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: W 2 (H223954-38)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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	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*	62.8	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	14.5	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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W 3 (H223954-39)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	08/31/2022	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	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*	73.9	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	22.1	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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W 4 (H223954-40)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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



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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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	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*	29.9	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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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



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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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*	177	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	64.0	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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Analytical Results For:

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

Received: 08/29/2022
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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*	<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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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*	13.9	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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	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*	12.6	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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Analytical Results For:

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

Received: 08/29/2022
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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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Analytical Results For:

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

Received: 08/29/2022
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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	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*	270	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	85.6	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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Analytical Results For:

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

Received: 08/29/2022
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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	
DRO >C10-C28*	443	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	146	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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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
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*	117	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	52.0	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



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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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	196	98.0	200	0.951	
DRO >C10-C28*	30.9	10.0	08/31/2022	ND	193	96.4	200	1.91	
EXT DRO >C28-C36	12.9	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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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
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*	73.7	10.0	08/30/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	25.0	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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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	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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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



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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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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	
DRO >C10-C28*	220	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	93.0	10.0	08/31/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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	
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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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*	39.9	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	15.2	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



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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	
DRO >C10-C28*	75.6	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	22.2	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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Analytical Results For:

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

Received: 08/29/2022
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	
DRO >C10-C28*	164	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	84.2	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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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	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*	228	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	86.1	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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Analytical Results For:

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

Received: 08/29/2022
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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	
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*	11.5	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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Analytical Results For:

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

Received: 08/29/2022
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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



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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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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	
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*	23.0	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 97.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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	
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*	574	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	250	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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: W 34 (H223954-70)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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	
DRO >C10-C28*	696	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	301	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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	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*	143	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	73.6	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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	08/31/2022	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	
DRO >C10-C28*	29.8	10.0	08/31/2022	ND	217	108	200	1.64	
EXT DRO >C28-C36	12.4	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



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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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	08/31/2022	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*	19.9	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



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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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: W 38 (H223954-74)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	08/31/2022	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



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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	08/31/2022	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



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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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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Analytical Results For:

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

Received: 08/29/2022
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W 42 (H223954-78)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	08/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	08/31/2022	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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	08/31/2022	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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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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Analytical Results For:

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

Received: 08/29/2022
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W 45 (H223954-81)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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Analytical Results For:

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

Received: 08/29/2022
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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	
DRO >C10-C28*	61.2	10.0	08/31/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	33.6	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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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



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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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	08/31/2022	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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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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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	
DRO >C10-C28*	25.7	10.0	08/31/2022	ND	182	90.9	200	4.60	
EXT DRO >C28-C36	10.3	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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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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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
 Reported: 09/01/2022
 Project Name: EK 29 #3
 Project Number: NONE GIVEN
 Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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
Reported: 09/01/2022
Project Name: EK 29 #3
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS NM

Sampling Date: 08/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	08/31/2022	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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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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A handwritten signature in black ink, appearing to read "C. 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

[illegible]



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

Project Manager:

Mathew Longflier

Address:

City:

State: Zip:

Phone #:

Fax #:

Project #:

Project Owner:

Project Name:

EK 29 #3

Project Location:

Hobbs NM

Sampler Name:

Jason Conk

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

11

12

13

14

15

16

17

18

19

20

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

TPH C
Chloride
BTex

Relinquished By:

Date:

8/29/22

Received By:

Stedekieung

Relinquished By:

Date:

8/29/22

Received By:

Stedekieung

Delivered By: (Circle One)

Observed Temp. °C

4.9e

Sample Condition

CHECKED BY:

Turnaround Time:

Standard

Rush

Bacteria (only)

Sample Condition

Observed Temp. °C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

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



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: Mather Longines

Address: _____

City: _____ State: _____ Zip: _____

Phone #: _____ Fax #: _____

Project #: _____ Project Owner: Prima

Project Name: EK 2029 H 3

Project Location: Hobbs NM

Sample Name: Joison Lake

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H023754

N 21

21

N 21

22

N 22

23

N 23

24

N 24

25

N 25

26

N 26

27

N 27

28

N 28

29

N 29

30

N 30

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

8/25

11 Am

X

X

X

X

X

X

X

X

X

X

X

X

TPH
B Tex
Chloride

Relinquished By: _____

Date: 8/29/22

Time: 0827

Received By: Shackleton

Date: 8/29/22

Time: 0827

Received By: Shackleton

Date: 8/29/22

Time: 0827

Received By: Shackleton

Date: 8/29/22

Time: 0827

Received By: Shackleton

Date: 8/29/22

Relinquished By: _____

Date: 8/29/22

Time: 0827

Received By: Shackleton

Date: 8/29/22

Time: 0827

Received By: Shackleton

Date: 8/29/22

Time: 0827

Received By: Shackleton

Date: 8/29/22

Time: 0827

Received By: Shackleton

Date: 8/29/22

Delivered By: (Circle One)

Observed Temp. °C 4.92

Corrected Temp. °C 4.32

Sample Condition

Cool Intact

Yes ☒ No ☐

CHECKED BY: (Initials)

Turnaround Time:

Standard Rush

Bacteria (only)

Cool Intact

Yes ☐ No ☐

Observed Temp. °C

Corrected Temp. °C

FORM 1000 N 3-2 10/07/21

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:		QX SOL				BILL TO		ANALYSIS REQUEST											
Project Manager:		Matthew Longo				P.O. #:													
Address:						Company:													
City:				State:		Atn:													
Phone #:				Fax #:		Address:													
Project #:				Project Owner:		City:													
Project Name:		EK 29 #3				State:		Zip:											
Project Location:		Hobbs NM				Phone #:													
Sampler Name:		Jason Cole				Fax #:													
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX						PRESERV		SAMPLING			
								GROUNDWATER											
								WASTEWATER											
								SOIL											
								OIL											
								SLUDGE											
								OTHER :											
								ACID/BASE:											
								ICE / COOL											
								OTHER :											
								DATE		TIME									
H&B3954	N31		(Y)					8/25	11:30 AM	X	X	X							
31	N32																		
32	N33																		
33	N34																		
34	N35																		
35	N36																		
36	N37																		
37	N38																		
38	N39																		
39	N40																		
40	N41																		

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Relinquished By:		Date:		Received By:	
		8-25-22		Stokiering	
Time:		0827			
Date:					
Time:					
Relinquished By:				Received By:	
Delivered By: (Circle One) Sampler - UPS Bus - Other:		Observed Temp. °C Corrected Temp. °C		Sample Condition <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		49°C 4.3°C		CHECKED BY: (Initials) SC	
Turnaround Time:		Standard <input checked="" type="checkbox"/>		Bacteria (only) <input type="checkbox"/>	
		Thermometer ID #113 Rusty		Cool Intact Observed Temp. °C	
		Correction Factor +3°C - 0.6°C		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrected Temp. °C	
REMARKS:					
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:					
All Results are emailed. Please provide Email address:					



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RX5011 Project Manager: Mathew Longior Address: City: State: Zip: Phone #: Fax #: Project #: Project Owner: PRIMA Project Name: Ek 29 #3 Project Location: Hobbs NM Sampler Name: Jason Lave FOR LAB USE ONLY				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:			
Lab I.D. Sample I.D.				BILL TO			
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Relinquished By: _____ Relinquished By: _____ Delivered By: (Circle One) _____ Sampler - UPS - Bus - Other: _____				Observed Temp. °C: 4.92 Corrected Temp. °C: 4.32 Sample Condition: Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Date: 8/27/22 Time: 08:27 Date: _____ Time: _____				Received By: _____ Received By: _____ Received By: _____			
Turnaround Time: _____ Thermometer ID #113 Correction Factor -0.5°C				Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/>			
REMARKS: _____ Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____				DATE TIME 8/25 12pm Chloride TPH BTex			
FOR LAB USE ONLY				MATRIX PRESERV SAMPLING			
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				DATE TIME 8/25 12pm Chloride TPH BTex			



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RY SOIL Project Manager: Matthew Longmier Address: City: State: Zip: Phone #: Fax #: Project #: Project Owner: Pima Project Name: EK 29 #3 Project Location: Hobbs NM Sample Name: Hobbs Love FOR LAB USE ONLY				BILL TO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #: Matrix: (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:				ANALYSIS REQUEST			
Lab I.D. Sample I.D. #229754 W15 W16 W17 W18 W19 W20 W21 W22 W23 W24				DATE TIME 8/25 12:30 Chloride TP4 BTEX							
Relinquished By: [Signature] Date: 8/27 Time: 0837 Received By: [Signature] Date: Time:				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: REMARKS: All Results are emailed. Please provide Email address:				Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 Correction Factor -0.5°C -0.1°C Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C 49.1 Corrected Temp. °C 4.3			

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>AKSOIL</u>				P.O. #:				BILL TO				ANALYSIS REQUEST			
Project Manager: <u>Mother Logistics</u>				Company:											
Address:				Attn:											
City:				State:											
Phone #:				Fax #:											
Project #:				Project Owner: <u>PRIMO</u>											
Project Name: <u>EK 29 #3</u>				City:											
Project Location: <u>Hobs NM</u>				State:											
Project Name: <u>doson CMC</u>				Phone #:											
FOR LAB USE ONLY				Fax #:											

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	TPH	Btex	Chloride							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :														
<u>H023954</u>																							
<u>U1</u>	<u>W 25</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: <u>[Signature]</u>		Date: <u>8/29/02</u>		Received By: <u>[Signature]</u>		Date: <u>8/29/02</u>	
Relinquished By: <u>[Signature]</u>		Date: <u>8/27</u>		Received By: <u>[Signature]</u>		Date: <u>8/27</u>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: <u>4.9</u> Corrected Temp. °C: <u>4.3</u>		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: <u>[Signature]</u> (Initials)	
Turnaround Time:		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Sample Condition: Observed Temp. °C: <u>4.3</u> Corrected Temp. °C: <u>4.3</u>	
REMARKS:							
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:							
All Results are emailed. Please provide Email address:							



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:		AKSOL	
Project Manager:		Mathew Longier	
Address:		P.O. #:	
City:	State:	Zip:	Company:
Phone #:	Fax #:	Attn:	Address:
Project #:	Project Owner: Pima		City:
Project Name: EK 29 #3	State:		Zip:
Project Location: Photos NM	Phone #:		
Sample Name: Dogon Cove	Fax #:		

FOR LAB USE ONLY			
	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.
			# CONTAINERS
MATRIX			GROUNDWATER
			WASTEWATER
			SOIL
			OIL X
			SLUDGE
			OTHER :
			ACID/BASE:
ICE / COOL			
OTHER :			
SAMPLING	DATE	TIME	
	H2335H	N 35	
	T1	M 36	
	T2	M 37	
	T3	M 38	
	T4	M 39	
	T5	M 40	
	T6	M 41	
	T7	M 42	
	T8	M 43	
	T9	M 44	
	T10	M 45	

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Relinquished By:	Date: 8-29-22	Received By: Medriquiry	Verbal Result: Yes No Add'l Phone #:
Time: 08:17			All Results are emailed. Please provide Email address:
Date: 08:17			
Time:			

Delivered By: (Circle One)	Observed Temp. °C: 4.9°C	Sample Condition Cool Intact Yes No	CHECKED BY: (Initials)	Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Corrected Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C: 4.3°C	Yes No	SR	Thermometer ID #13 Correction Factor -.5°C O.lec

REMARKS:



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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	
DRO >C10-C28*	560	10.0	09/23/2022	ND	191	95.7	200	3.97	
EXT DRO >C28-C36	270	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	
DRO >C10-C28*	461	10.0	09/23/2022	ND	191	95.7	200	3.97	
EXT DRO >C28-C36	275	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



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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
Reported: 09/27/2022
Project Name: PRIMA EK 29
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS, NM

Sampling Date: 09/21/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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	
DRO >C10-C28*	56.5	10.0	09/23/2022	ND	191	95.7	200	3.97	
EXT DRO >C28-C36	55.7	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	
DRO >C10-C28*	215	10.0	09/23/2022	ND	191	95.7	200	3.97	
EXT DRO >C28-C36	120	10.0	09/23/2022	ND					
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
Reported: 09/27/2022
Project Name: PRIMA EK 29
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS, NM

Sampling Date: 09/21/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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	
DRO >C10-C28*	44.5	10.0	09/23/2022	ND	191	95.7	200	3.97	
EXT DRO >C28-C36	27.1	10.0	09/23/2022	ND					
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					
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
Reported: 09/27/2022
Project Name: PRIMA EK 29
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS, NM

Sampling Date: 09/21/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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					
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	
DRO >C10-C28*	10.3	10.0	09/23/2022	ND	176	88.1	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
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
Reported: 09/27/2022
Project Name: PRIMA EK 29
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS, NM

Sampling Date: 09/21/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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					
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	
DRO >C10-C28*	513	10.0	09/23/2022	ND	176	88.1	200	3.20	
EXT DRO >C28-C36	214	10.0	09/23/2022	ND					
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



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
Reported: 09/27/2022
Project Name: PRIMA EK 29
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS, NM

Sampling Date: 09/21/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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	
DRO >C10-C28*	148	10.0	09/23/2022	ND	176	88.1	200	3.20	
EXT DRO >C28-C36	74.6	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	98.4 %	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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1/2

Company Name: PRXSOIL		BILL TO		ANALYSIS REQUEST																																			
Project Manager: Jace Corcoran		P.O. #:																																					
Address:		Company:																																					
City:		Attn:																																					
State:		Address:																																					
Zip:		City:																																					
Phone #:		State:																																					
Fax #:		Zip:																																					
Project #:		City:																																					
Project Name: Prima EK29		State:																																					
Project Location: Hobbs NM		Phone #:																																					
Sample Name: Hobbs Adams		Fax #:																																					
FOR LAB USE ONLY																																							
Lab I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
Sample I.D.																								9/21		2:39		TPH											
W7																																							
W12																																							
W13																																							
W14																																							
W20																																							
W26																																							
W27																																							
W32																																							
W34																																							
W35																																							
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Relinquished By:		Date: 9/22/21		Received By: Stockinger		REMARKS:																																	
Relinquished By:		Time: 10:13		Received By:																																			
Date:		Time:		Received By:																																			
Delivered By: (Circle One)		Observed Temp. 5.9°C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time: Standard																															
Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Corrected Temp. 5.3°C		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Thermometer ID #113		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition																											
Sampler - UPS - Bus - Other:								Correction Factor -0.3°C		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Observed Temp. °C																									
												Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Corrected Temp. °C																									

PRXSOIL 0909 11 3/2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keen@cardinalabnm.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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						
<hr/>										
Surrogate: 1-Chlorooctane	102 %	48.2-134								
Surrogate: 1-Chlorooctadecane	98.2 %	49.1-148								

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						
<hr/>										
Surrogate: 1-Chlorooctane	107 %	48.2-134								
Surrogate: 1-Chlorooctadecane	104 %	49.1-148								

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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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					
Surrogate: 1-Chlorooctane	102 %	48.2-134							
Surrogate: 1-Chlorooctadecane	99.4 %	49.1-148							

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					
Surrogate: 1-Chlorooctane	102 %	48.2-134							
Surrogate: 1-Chlorooctadecane	97.8 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2023
Reported: 05/15/2023
Project Name: PRIMA EK 29
Project Number: NONE GIVEN
Project Location: PRIMA EXPLORATION - HOBBS, NM

Sampling Date: 05/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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					
Surrogate: 1-Chlorooctane	100 %	48.2-134							
Surrogate: 1-Chlorooctadecane	97.2 %	49.1-148							

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					
Surrogate: 1-Chlorooctane	101 %	48.2-134							
Surrogate: 1-Chlorooctadecane	98.6 %	49.1-148							

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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



Page 6 of 6



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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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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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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.
 STAN MICKLE
 201 MAIN STREET, SUITE 1360
 FORT WORTH TX, 76102
 Fax To: NA

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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 115 % 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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: EK 29 H 4 - 6" (H240825-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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



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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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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



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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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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	02/22/2024	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

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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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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	
DRO >C10-C28*	18.0	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 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: EK 29 V 1 - 4' (H240825-09)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	02/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: EK 29 V 2 - S (H240825-10)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: EK 29 V 2 - 2' (H240825-11)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	02/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	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



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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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	
DRO >C10-C28*	27.8	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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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	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



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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: EK 29 V 3 - 2' (H240825-14)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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	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



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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: EK 29 V 3 - 4' (H240825-15)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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 120 % 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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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 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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: EK 29 V 4 - 4' (H240825-18)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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



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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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	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

Cardinal Laboratories

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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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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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*=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.
 STAN MICKLE
 201 MAIN STREET, SUITE 1360
 FORT WORTH TX, 76102
 Fax To: NA

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: EK 29 V 5 - 4' (H240825-21)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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	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



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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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	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



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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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
 Reported: 02/26/2024
 Project Name: EK 29
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	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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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.
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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A handwritten signature in black ink, appearing to read "C. 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: RX Soil				BILL TO				ANALYSIS REQUEST			
Project Manager: Stan Mickle				P.O. #:							
Address: 105 W Main St				Company: RX Soil							
City: Decatur				Attn: Rylee Oakley							
Phone #: 682-352-1039				Address: 105 W Main							
Fax #:				City: Decatur							
Project #:				State: TX Zip: 76234							
Project Name: EK29				Phone #: 682-352-1039							
Project Location: Lea County				Fax #:							
Sampler Name: Tristan Turley											
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV	SAMPLING				
		GROUNDWATER		SOIL							
		WASTEWATER		OIL							
		SLUDGE		OTHER :							
		ACID/BASE:		ICE / COOL							
		OTHER :									
		DATE	TIME								
H240825	EK29 H1-6"	G	1					X	Chlorides		
1	EK29 H2-6"							X	TPH		
2	EK29 H3-6"							X	BTex		
3	EK29 H4-6"										
4	EK29 HS-6"										
5	EK29 H6-6"										
6	EK29 V1-S										
7	EK29 V1-2										
8	EK29 V1-4										
9	EK29 V2-S										
10											

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Relinquished By: [Signature] **Date:** 2-28-24 **Received By:** [Signature] **Date:** 2-28-24

Relinquished By: [Signature] **Date:** 2-28-24 **Received By:** [Signature] **Date:** 2-28-24

Delivered By: (Circle One) **Observed Temp. °C** -0.1°C **Corrected Temp. °C** **Sample Condition** Cool Intact Yes X No **CHECKED BY:** [Signature]

Turnaround Time: Standard Rush Add'l Phone #: **Thermometer ID #140** **Correction Factor 0°C** **Bacteria (only)** Sample Condition Cool Intact Yes X No Observed Temp. °C Corrected Temp. °C

REMARKS: email to Exgroup

Verbal Result: ☐ Yes ☒ No **Add'l Phone #:** **All Results are emailed. Please provide Email address:**

Cardinal cannot accept verbal changes. Please email changes to calvin.koon@cardinal-soil.com



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

 $\frac{2}{3}$



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Rx Soil</u>		BILL TO		ANALYSIS REQUEST																																							
Project Manager: <u>Stan Mickle</u>		P.O. #:																																									
Address: <u>105 W Main St</u>		Company: <u>Rx Soil</u>																																									
City: <u>Decatur</u>		Attn: <u>Rylee Oakley</u>																																									
Phone #: <u>682-352-1039</u>		Address: <u>105 W Main St</u>																																									
State: <u>TX</u>		City: <u>Decatur</u>																																									
Fax #: _____		State: <u>TX</u>																																									
Project #: _____		Zip: <u>76234</u>																																									
Project Owner: <u>Stan Mickle</u>		Phone #: <u>682-352-1039</u>																																									
Project Location: <u>Lea County</u>		Fax #: _____																																									
Sampler Name: <u>Tristan Turley</u>																																											
FOR LAB USE ONLY																																											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chlorides		TPH		BTex											
<u>H240825</u>		<u>21 EK29 V5-4'</u>		<u>G</u>		<u>1</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>2-20</u>		<u>11:30</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>											
<u>22 EK29 V6-S</u>		<u>22 EK29 V6-S</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>													
<u>23 EK29 V6-2'</u>		<u>23 EK29 V6-2'</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>													
<u>24 EK29 V6-4'</u>		<u>24 EK29 V6-4'</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>		<u>✓</u>													
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Relinquished By: <u>Stan Mickle</u>		Date: <u>2-20-24</u>		Time: <u>1411</u>		Received By: <u>Stadigues</u>		Date: _____		Time: _____		REMARKS: <u>email to Rxgroup</u>																															
Relinquished By: _____		Date: _____		Time: _____		Received By: _____		Date: _____		Time: _____																																	
Delivered By: (Circle One)		Observed Temp. °C: <u>-0.1°</u>		Corrected Temp. °C: _____		Sample Condition		CHECKED BY: (Initials)		Turnaround Time: _____		Standard <u>Rush</u>																															
Sampler - UPS - Bus - Other: _____						<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #140		<input checked="" type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition																															
FORM 000-000-0711723						<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		Correction Factor 0°C		<input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No																															

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 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

Prerequisites	
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

Location of Release Source	
Please answer all the questions in this group.	
Site Name	EK 29 BS2 FEDERAL COM #003H
Date Release Discovered	05/23/2021
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	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

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<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.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<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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QUESTIONS, Page 3

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**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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	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
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	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)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	<i>Not answered.</i>
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<i>Not answered.</i>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Yes
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	<i>Not answered.</i>
<i>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>	
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
<i>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.</i>	

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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

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, 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

Sampling Event Information	
Last sampling notification (C-141N) recorded	312790
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/12/2024
What was the (estimated) number of samples that were to be gathered	24
What was the sampling surface area in square feet	88000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	38000
What was the total volume (cubic yards) remediated	700
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	38000
What was the total volume (in cubic yards) reclaimed	700
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.robbsins@rxsoil.solutions Date: 04/10/2024
--	--

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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

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 331869

CONDITIONS

Operator: RXSoil, Inc. 105 W Main St Decatur, TX 76234	OGRID:
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	Action Number:
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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