

April 25, 2023

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

Re: Closure Request Apache Corporation EAU M9 nAPP2121456443

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

Sincerely,

Jace Caraway Chief Operating Officer Rxsoil, Inc. (940) 210-2051 Maverick Mickle Technical Engineer Rxsoil, Inc. (682) 351-5435

TABLE OF CONTENTS

Ι.	Introduction	
П.	Site Assessment/Characterization	. 3
111.	Remediation	. 4
IV.	Restoration, Reclamation and Re-vegetation	. 4
Figures		
1.	Vicinity Map	. 9
2.	Site Map	. 11
3.	Hydrology Map	. 13
4.	Site Photographs	.15
Appendix		
Α.	C-141	
В.	Nearest Water Well Data	. 26
C.	Summary Table	. 28
D.	Laboratory Reports	. 33

I. Introduction

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

The release occurred on 08/01/2021 in D-11-18S-27E (see *Figure 1* for Vicinity Map) at approximate coordinates 32.767600, -104.256500. It was reported that 145 barrels of produced water and 20 barrels of crude oil were released. 5 barrels of crude oil were recovered during the initial response.

II. Site Assessment/Characterization

1. Site Map – The site is located about 15mi SE of Artesia NM. See Figure 2

2. **Depth to ground water** – RA 03917 POD is the nearest water well (listed in *Appendix B*) and has detected water at 50' with a well depth of 130', recorded 08/06/1958. The nearest water well is within $\frac{1}{2}$ mile from location. Remediation standards will follow the thresholds stated in Table I for depth to water \leq 50 feet.

3. Wellhead protection area – The nearest water source within a half mile of the release is RA 03917 POD (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 09/09/2021 to guide excavation. Hydro excavation began on 10/24/2022 and excavation began on 10/25/22; field sampling guided the excavation. Sample points are shown in *Figure 2* with results summarized in *Appendix C*. Lab data is displayed in *Appendix* D. The release is in a high Karst area. Horizontal excavation has consisted of sampling sidewalls (composites representing <200 square feet) to verify each wall is below thresholds listed in NMAC 19.15.29.13.D.1 (600 mg/kg chloride) and Table I (100 mg/kg TPH, 50 mg/kg BTEX, 10 mg/kg benzene). Vertical delineation has consisted throughout the spill area to clean material per Table I. Due to the size of the release and lack of groundwater, bottom samples that have been collected represent <500 square feet each. Sampling will continue throughout the spill area.

III. Remediation Plan

RXSoil's core process of on-site remediation is being used to address the contamination. RXSoil supervised all excavation with approval from area utilities owners via NM 811.

RXSoil constructed an above-ground treatment cell adjacent to the contaminated area (see *Figure 2* for placement). Berms were placed around the perimeter of the cell area. A 20-mil reinforced poly liner was installed on the surface and up the sides of the berms to contain treatment. A proprietary drainage and collection system was installed prior to filling the cells with contaminated soil. Due to the amount of soil being treated, after successful treatment within the cell, the soil was unloaded and then reloaded again with more contaminated soil. There was a total of 2 flips done to treat 4995 cu yards. There was also an approved variance request for 752mg/kg chlorides on soil samples for this location.

To confirm successful treatment, a grid of confirmation samples was gathered at the bottom 12" of the treatment profile with one sample representing no more than 100 cubic yards. Using the twodimensional requirements of 200 square feet per sample, RXSoil calculates the need for one sample per 100 cubic yards when dealing with a volume of soil:

$$200 ft^{2} = 14.14'x \ 14.14'$$
$$(14.14')^{3} = 2,827 ft^{3} = 105 yds^{3}$$

Sidewall and bottom samples are taken using a stainless-steel hand shovel while remediation samples are taken using a stainless-steel bucket auger. Samples are temporarily transferred to a new plastic bag in the field. 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 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 will drill in seed at the discretion of the appropriate surface owners (BLM). RXSoil will continue to monitor this area to ensure growth.

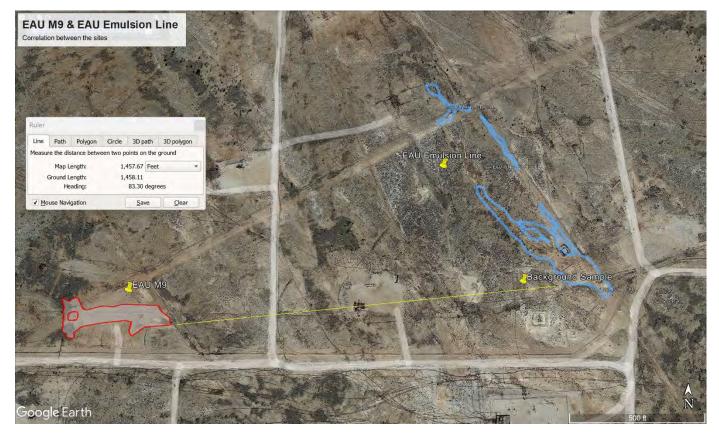
VARIANCE REQUEST

To: NMOCD

RXSoil is remediating the site EAU M9 (nAPP2121456443) which is adjacent to the EAU Emulsion Line (NaB1606057005); approximately 350 yards apart. We are experiencing the same clay layer and near identical lithology at the M9 that we experienced at the Emulsion line.

Due to the proximity of both sites, we would like to ask for the same variance request of 752mg/kg chlorides that was granted on the EAU Emulsion Line (NaB1606057005); to be granted on the EAU M9 (nAPP2121456443).

The rationale for the request is the proximity of previous background samples achieving variance request approvals. See correspondence below.



Incident #	PROJECT	METHODCODE	ANALYTE	RESULT
nAB1606057005	EAU	Sieve Analysis 8,16,20,30,50 %Passing	16 mesh (1.18mm) passed	33.2
nAB1606057006	EAU	Sieve Analysis 8,16,20,30,50 %Passing	20 mesh (0.86mm) passed	27.9
nAB1606057007	EAU	Sieve Analysis 8,16,20,30,50 %Passing	30 mesh (0.60mm) passed	20.3
nAB1606057008	EAU	Sieve Analysis 8,16,20,30,50 %Passing	50 mesh (0.297 mm) passed	0.87
nAB1606057009	EAU	Sieve Analysis 8,16,20,30,50 %Passing	8 mesh (2.38 mm) passed	51
nAB1606057010	EAU	Texture - 24 Hour	Clay, Percent	27.5
nAB1606057011	EAU	Texture - 24 Hour	Sand, Percent	32.5
nAB1606057012	EAU	Texture - 24 Hour	Silt, Percent	40
nAB1606057013	EAU	Texture - 24 Hour	Textural Class	Clay Loam
Napp2121456443	M9	Sieve Analysis 8,16,20,30,50 %Passing	16 mesh (1.18mm) passed	63.9
Napp2121456444	M9	Sieve Analysis 8,16,20,30,50 %Passing	20 mesh (0.86mm) passed	63.6
Napp2121456445	M9	Sieve Analysis 8,16,20,30,50 %Passing	30 mesh (0.60mm) passed	60.1
Napp2121456446	M9	Sieve Analysis 8,16,20,30,50 %Passing	50 mesh (0.297 mm) passed	26.8
Napp2121456447	M9	Sieve Analysis 8,16,20,30,50 %Passing	8 mesh (2.38 mm) passed	77.5
Napp2121456448	M9	Texture - 24 Hour	Clay, Percent	27.5
Napp2121456449	M9	Texture - 24 Hour	Sand, Percent	42.5
Napp2121456450	M9	Texture - 24 Hour	Silt, Percent	30
Napp2121456451	M9	Texture - 24 Hour	Textural Class	Clay Loam

From: Billings, Bradford, EMNRD <Bradford.Billings@emnrd.nm.gov>
Sent: Tuesday, November 8, 2022, 9:39 AM
To: stan.mickle@rxsoil.solutions
Subject: RE: [EXTERNAL] Correlation/Proximity between nAB1606057005 & nAPP2121456443

Hi,

In general, I am okay with request, however, please tag a variance request to the remediation plan so it can be signed off. Including the rationale for the request. Thanks.

Bradford Billings

EMNRD/OCD

From: stan.mickle@rxsoil.solutions Sent: Monday, November 7, 2022 7:41 PM To: Billings, Bradford, EMNRD <<u>Bradford.Billings@emnrd.nm.gov</u>> Subject: [EXTERNAL] Correlation/Proximity between nAB1606057005 & nAPP2121456443

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hi Brad,

Sorry I missed you earlier today.

Please review the below correspondence regarding the EAU Emulsion Line release having the incident ID: nAB1606057005. RXSoil is currently remediating the adjacent site EAU M9 Incident ID: Napp2121456443.

We are experiencing very near similarities in soil lithology, especially in the clay category. The two sites are separated by approximately 350 yards.

We are requesting approval to utilize the same background analytics and allowable chloride threshold of 752 mg/kg as previously granted on the adjacent site.

Thanks in advance for your review.

Stan Mickle I SR VP of Development I RXSoil, Inc.

Office: 817-996-4653 | Cell: 210-997-7645

stan.mickle@rxsoil.solutions

Zach Robbins <zach.robbins@rxsoil.solutions> To: "Billings, Bradford, EMNRD" <Bradford.Billings@state.nm.us> Thu, Mar 17, 2022 at 10:33 AM

Morning, Brad,

Have you had a chance to look over the data? Is there anything else we can provide to help guide a decision? Let me know what I can do!

Thanks, Zach [Quoted text hidden] --[Quoted text hidden]

Zach Robbins <zach.robbins@rxsoil.solutions> To: "Billings, Bradford, EMNRD" <Bradford.Billings@state.nm.us> Thu, Mar 17, 2022 at 12:50 PM

As discussed on the phone, we will move forward using the confirmed background sample of 752 mg/kg as our allowable chloride threshold for the remainder of this project's excavation. I will include this correspondence in the final report.

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 Type: [C-141] Release Corrective Action (C-141)
Midland, TX 79705	167432
303 Veterans Airpark Ln	Action Number:
APACHE CORPORATION	873
Operator:	OGRID:

Created By Condition Condition Date The Variance Request is approved. Utilization of background analytics and allowable chloride threshold of 752 mg/kg has been approved for the 1/27/2023 rhamlet (NAPP2121456443) EAU M9 EMPIRE EMULSION TRUNK LINE incident. The EAU Emulsion Line (NAB1606057005), which is located 350 yards from the EAU M9 Empire Emulsion Trunk line incident had a Variance Request approved. Both sites have the same clay layer and near identical lithology. The rationale for the request is the close proximity of previous background samples achieving variance request approval.

Page Seof 283

Action 167432

FIGURE 1 VICINITY MAP

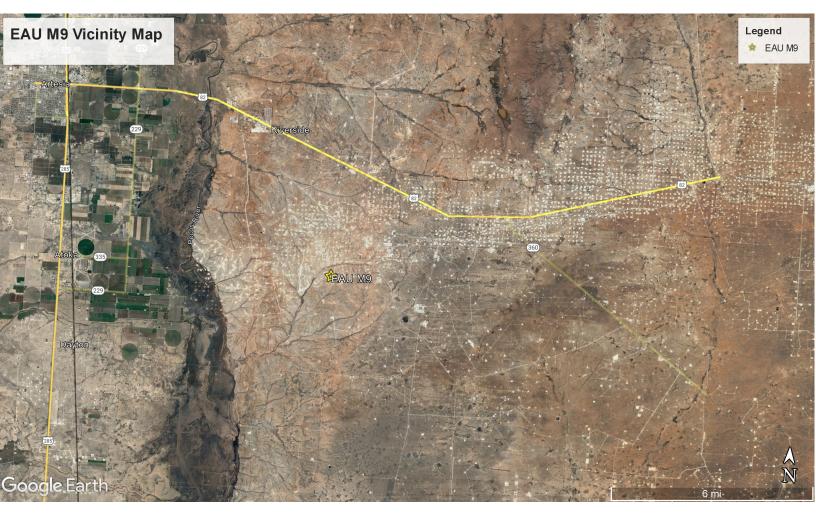


FIGURE 2 SITE OVERVIEW

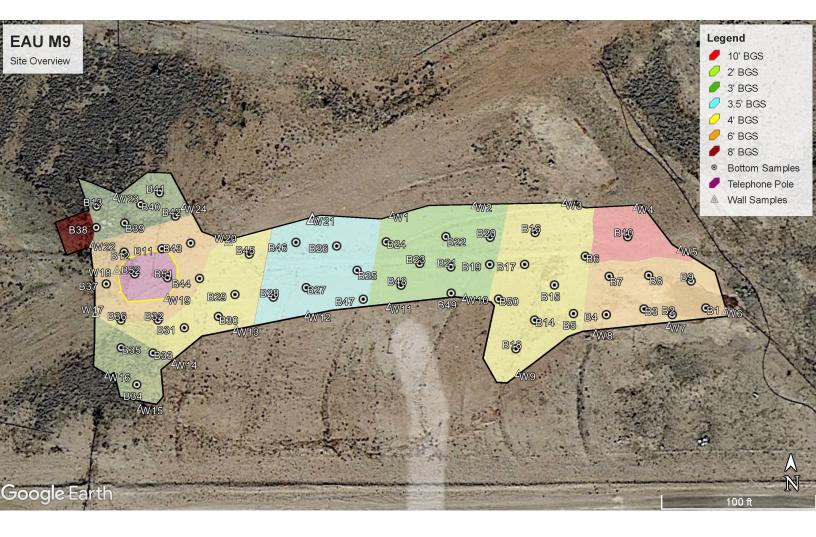
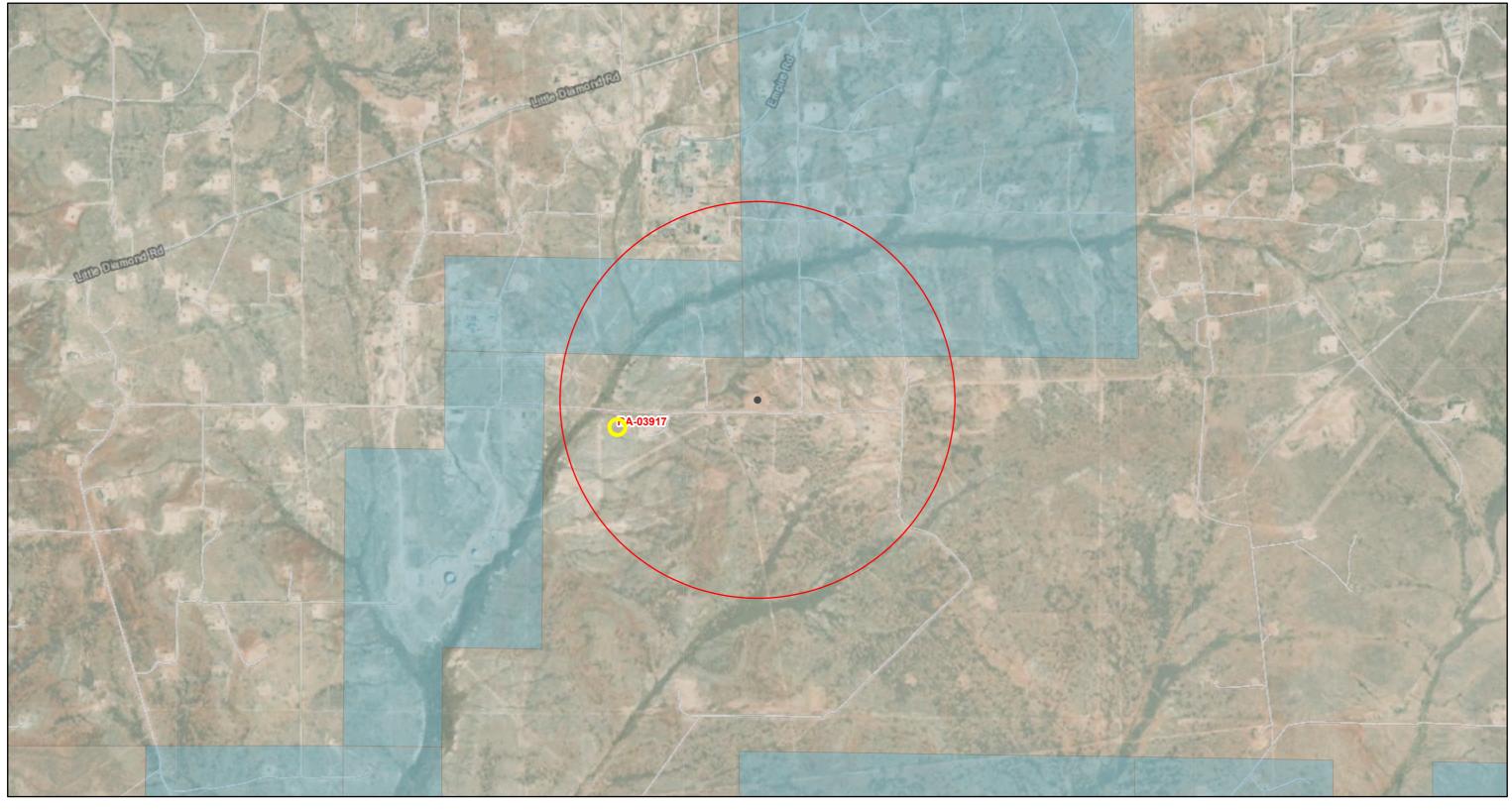


FIGURE 3 HYDROLOGY MAP

OSE POD Locations Map



1/20/2023, 12:33:17 PM

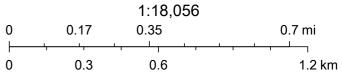
OSE District Boundary New Mexico State Trust Lands

Water Right Regulations

Subsurface Estate

Closure Area

Both Estates



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

FIGURE 4 SITE PHOTOGRAPHS





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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	NAPP2121456443
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Apache Corporation	OGRID
Contact Name Larry Baker	Contact Telephone 432-631-6982
Contact email Larry.Baker@apachecorp.com	Incident # (assigned by OCD)
Contact mailing address 2350 W. Marland Blvd., Hobbs,	NM 88240

Location of Release Source

Latitude 32.767600

Longitude -104.256500

(NAD 83 in decimal degrees to 5 decimal places)

Site Name EAU M9 Emulsion Trunk Line	Site Type Trunk Line
Date Release Discovered 8/1/2021 at 3:00 p.m.	API# (if applicable)

Unit Letter	Section	Township	Range	County
D	11	18S	27E	EDDY

Surface Owner: State V 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)

Crude Oil	Volume Released (bbls) 20	Volume Recovered (bbls) 5
Produced Water	Volume Released (bbls) 145	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release Unc	der Investigation.	
	-	

Form C-141 Page 3

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	50 (ft bgs)
Did this release impact groundwater or surface water?	Yes No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Yes 🖉 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes 🖉 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes 🖉 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	Yes 🖉 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🖉 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Ves No
Are the lateral extents of the release within a 100-year floodplain?	Yes 🖉 No
Did the release impact areas not on an exploration, development, production, or storage site?	V Yes No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.

- Field data
 - Data table of soil contaminant concentration data
 - Depth to water determination
 - Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
 - Determination of water sources and signifi
 Boring or excavation logs
 - Photographs including date and GIS information
 - Topographic/Aerial maps
 - Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141	State of New Me	xico	Incident ID	
Page 4	Oil Conservation D	ivision	District RP	
			Facility ID	
			Application ID	
		parator of manonalhility for	r, surface water, human health or the	
and/or regulations. Printed Name: Larry Signature: <u><u>u</u> email: <u>larry.baker@</u></u>	Baker	Title: Envir Date: 10/28	r compliance with any other federal, s	state, or local laws

Page 22 of 283 Form C-141 Page 5

State of New Mexico **Oil Conservation Division**

Incident ID	NAPP2121456443
District RP	
Facility ID	
Application ID	

Remediation Plan

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

Detailed description of proposed remediation technique
 Scaled sitemap with GPS coordinates showing delineation
 Estimated volume of material to be remediated

Scaled sitemap with GPS coordinates showing delineation points

Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC

Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

Extents of contamination must be fully delineated.

Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name:	Larry Baker Title	Title: Environmental Tech. SR.								
Signature:	Lany Baher Date:	10/2/2021								
		hone: 432-631-6982								
OCD Only										
Received by: _	Robert Hamlet Date:	8/31/2022								
Approved	Approved with Attached Conditions of Approva	I Denied	Deferral Approved							
Signature:	Robert Hamlet Date:	8/31/2022								

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Page 6

Oil Conservation Division

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.

<u>Closure Report Attachment Checklist</u>: 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)

 \square 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: <u>Shelly Wells</u> Title: Environmental Specialist-Advanced

Release Justification

Apache's Environmental Division utilized the expertise of the Production Division to determine the correct amount of fluid lost during this release. Our Production Foreman used the amount of fluid remaining in the holding tanks along with the size of this release to determine that 20 barrels of crude oil and 145 barrels of produced water was lost with 5 barrels of oil recovered. Total loss of this release is 165 barrels.

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

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	39431
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rmarcus	None	8/3/2021

CONDITIONS

Page 25cof 283

Action 39431

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APPENDIX B NEAREST WATER WELL



New Mexico Office of the State Engineer Point of Diversion Summary

	POD Number RA 03917	(quarters are 1=NW 2=N (quarters are smallest Q64 Q16 Q4 Sec 4 1 2 10	o largest)) (NAD83 UTM in meters) X Y 569019 3625660*	
Driller Lice		Driller Company:	BURKE, EI	DWARD B.	
Drill Start D Log File Da Pump Type	ate: 08/06/1958	Drill Finish Date: PCW Rcv Date: Pipe Discharge Size	07/31/19	58 Plug Date: Source: Estimated Yield	Artesian d:

*UTM location was derived from PLSS - see Help

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.

1/20/23 11:36 AM

POINT OF DIVERSION SUMMARY

APPENDIX C SUMMARY TABLE

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EAU M9 Round 1 Results															
Comple					EA GRO		und 1 Res	TPH	Bonzono	Toluene	Ethylbenzene	Yulonos	BTEX	Chlorides	Dept
Sample ID	Sample Type	Sample Date	Received	Lab ID Sample	GINO		LAT-DRO		Denzene	Toluelle	8021B	лутепез	DILA	LAB	Ft
	Thresholds, Re	mediation Sta	ndards			00.		100	10		OULID		50	600	C
A1	Treatment Cell			H225584-01	<10	154	14.9	168.9	<.050	<.050	<.050	<.150	<.300	416	S'-3'
A1	Treatment Cell		12/2/2022	H225659-01	<10	<10	<10	<10	-	-	-	-	-	-	S'-3'
A2	Treatment Cell	11/29/2022	11/29/2022	H225584-02	<10	17.3	<10	17.3	<.050	<.050	<.050	<.150	<.300	160	S'-3'
A3	Treatment Cell	11/29/2022	11/29/2022	H225584-03	<10	110	10.9	120.9	<.050	<.050	<.050	<.150	<.300	400	S'-3'
A3	Treatment Cell	12/2/2022	12/2/2022	H225659-02	<10	<10	<10	<10	-	-	-	-	-	-	S'-3'
A4	Treatment Cell	11/29/2022	11/29/2022	H225584-04	<10	78.4	<10	78.4	<.050	<.050	<.050	<.150	<.300	288	S'-3'
B1	Treatment Cell	11/29/2022	11/29/2022	H225584-05	<10	14.6	<10	14.6	<.050	<.050	<.050	<.150	<.300	368	S'-3'
B2	Treatment Cell	11/29/2022	11/29/2022	H225584-06	<10	18.2	<10	18.2	<.050	<.050	<.050	<.150	<.300	48	S'-3'
В3	Treatment Cell	11/29/2022	11/29/2022	H225584-07	<10	13.4	<10	13.4	<.050	<.050	<.050	<.150	<.300	192	S'-3'
B4	Treatment Cell	11/29/2022	11/29/2022	H225584-08	15.2	529	82.6	626.8	<.050	<.050	<.050	0.325	0.325	240	S'-3'
B4	Treatment Cell	12/2/2022	12/2/2022	H225659-03	<10	<10	<10	<10	-	-	-	-	-	-	S'-3'
C1	Treatment Cell				<10	47	<10	47	<.050	<.050	<.050	<.150	<.300	112	S'-3'
C2	Treatment Cell			H225584-10	<10	19.4	<10	19.4	<.050	<.050	<.050	<.150	<.300	400	S'-3'
С3	Treatment Cell	11/29/2022		H225584-11	<10	40	<10	40	<.050	<.050	<.050	<.150	<.300	144	S'-3'
C4	Treatment Cell				<10	89.9	10.5	100.4	<.050	<.050	<.050	<.150	<.300	128	S'-3'
D1	Treatment Cell	11/30/2022		H225614-02	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	672	S'-3'
D2	Treatment Cell	11/30/2022		H225614-03	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	320	S'-3'
D3	Treatment Cell	11/29/2022	11/29/2022	H225548-12	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	112	S'-3'
D4	Treatment Cell	11/29/2022	11/29/2022	H225548-13	<10	17.5	<10	<10	<.05	<.05	<.05	<.150	<.300	1920	S'-3'
D4	Treatment Cell	12/2/2022	12/2/2022	H225659-04	-	-	-	-	-	-	-	-	-	784	S'-3'
D4	Treatment Cell	12/7/2022	12/7/2022	H225770-01	-	-	-	-	-	-	-	-	-	320	S'-3'
E1	Treatment Cell	11/29/2022	11/29/2022	H225548-14	<10	78.8	<10	78.8	<.05	<.05	<.05	<.150	<.300	192	S'-3'
E2	Treatment Cell	11/29/2022	11/29/2022	H225548-15	<10	12.1	<10	12.1	<.05	<.05	<.05	<.150	<.300	128	S'-3'
E3	Treatment Cell	11/29/2022		H225548-16	<10	<10	<10	<10	<.05	<.05	<.05	<.150	<.300	384	S'-3'
E4	Treatment Cell				<10	11.2	<10	11.2	<.05	<.05	<.05	<.150	<.300	800	S'-3'
E4	Treatment Cell	12/2/2022	12/2/2022	H225659-05	-	-	-	-	-	-	-	-	-	832	S'-3'
E4	Treatment Cell			H225770-02	-	-	-	-	-	-	-	-	-	48	S'-3'
F1	Treatment Cell			H225548-18	<10	15.1	<10	15.1	<.05	<.05	<.05	<.150	<.300	1360	S'-3'
F1	Treatment Cell			H225659-06	-	-	-	-	-	-	-	-	-	784	S'-3'
F1	Treatment Cell	12/7/2022	12/7/2022	H225770-03	-	-	-	-	-	-	-	-	-	512	S'-3'
F2	Treatment Cell				<10	24.9	<10	24.9	<.05	<.05	<.05	<.150	<.300	224	S'-3'
F3	Treatment Cell	11/29/2022	11/29/2022	H225548-20	<10	25.1	<10	25.1	<.05	<.05	<.05	<.150	<.300	64	S'-3'

F4	Treatment Cell	11/29/2022	11/29/2022	H225548-21	<10	72.6	<10	72.6	<.05	<.05	<.05	<.150	<.300	128	S'-3'
	ts reported in m					l									
BOLD data points indicate above thresholds, sample highlighted, treatment or excavation to continue															
all results reported in mg/kg unless noted otherwise BOLD data points indicate above thresholds, sample highlighted, treatment or excavation to continue EAU M9 Round 2 Results Sample Type Sample Date Received Lab ID Sample ID Sample Type Contend to the test of test															
Sample	Sample Type	Somela Data	Received	Lab ID Sample	GRO	DRO	EXT-DRO	ТРН	Benzene	Toluene	Ethylbenzene	e Xylenes	BTEX	Chlorides	Depth
ID				Lab ID Sample		80	15M				8021B			LAB	Ft
NMOCE	<mark>) Thresholds, Re</mark>	mediation Sta	indards					100	10				50	600	С
G1	Treatment Cell	1/27/2023	1/27/2023	H230421-01	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	496	S'-3'
G2	Treatment Cell	1/30/2023	1/30/2023	H230427-01	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	192	S'-3'
G3	Treatment Cell	1/26/2023	1/27/2023	H230408-01	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	288	S'-3'
G4	Treatment Cell		1/30/2023	H230427-02	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	336	S'-3'
H1	Treatment Cell		1/30/2023	H230427-03	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	272	S'-3'
H2	Treatment Cell		1/27/2023	H230408-02	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	256	S'-3'
H3	Treatment Cell		1/27/2023	H230408-03	<10	11.7	<10	11.7	<.050	<.050	<.050	<.150	<.300	336	S'-3'
H4	Treatment Cell		1/30/2023	H230427-04	<10	12.4	<10	12.4	<.050	<.050	<.050	<.150	<.300	288	S'-3'
11	Treatment Cell		1/27/2023	H230421-02	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	560	S'-3'
12	Treatment Cell		1/30/2023	H230427-05	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	784	S'-3'
12	Treatment Cell		2/2/2023	H230469-01	-	-	-	-	-	-	-	-	-	288	S'-3'
13	Treatment Cell		1/27/2023	H230408-04	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	400	S'-3'
14	Treatment Cell		1/27/2023	H230408-05	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	240	S'-3'
J1	Treatment Cell		1/27/2023	H230408-06	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	304	S'-3'
J2	Treatment Cell		1/27/2023	H230408-07	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	560	S'-3'
J3	Treatment Cell		1/27/2023	H230421-03	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	368	S'-3'
J4	Treatment Cell		1/30/2023	H230427-06	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	464	S'-3'
K1	Treatment Cell		1/30/2023	H230427-07	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	800	S'-3'
K1	Treatment Cell		2/2/2023	H230469-02	-	-	-	-	-	-	-	-	-	32	S'-3'
K2	Treatment Cell		1/30/2023	H230427-08	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	288	S'-3'
K3	Treatment Cell		1/27/2023	H230408-08	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	416	S'-3'
K4	Treatment Cell		1/27/2023	H230408-09	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	384	S'-3'
L1	Treatment Cell				<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	416	S'-3'
L2	Treatment Cell		1/27/2023		<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	512	S'-3'
L3	Treatment Cell				<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	480	S'-3'
L4	Treatment Cell	1/27/2023	1/27/2023	H230421-04	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	272	S'-3'

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					GRO	DRO	EXT-DRO	ТРН	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Chlorides	Sample
Sample ID	Sample Type	Sample Date	Received	Lab ID Sample	ano	BIIG	8015M		Denzene	Toructic	8021B	Aylenes	DIEA	LAB	Depth
NMOCD Th	resholds, Remedi	ation Standar	ds					100	10				50	600	C
W1-A	WALL		11/11/2022	H225360-01	<10	101	12.6	113.6	<.050	<.050	<.050	<.150	< 0.300	320	2'
W1-B	WALL	11/22/2022	11/23/2022	H225537-25	<10	14.1	<10	14.1	<.050	<.050	<.050	<.150	<.300	1020	2' 2'
W1-C W1-D	WALL	12/1/2022 12/6/2022	12/1/2022 12/6/2022	H225640-01 H225729-01	-	-	-	-	-	-	-	-	-	784 832	2'
W1	WALL	1/27/2023	1/27/2023	H230421-05	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<0.300	320	2'
W2	WALL	11/10/2022	11/11/2022	H225360-02	<10	381	65.8	446.8	<.050	<.050	0.086	0.217	0.303	720	2'
W2-D	WALL	11/22/2022		H225537-26	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	976	2'
W2-E W2	WALL	12/1/2022 1/27/2023	12/1/2022 1/27/2023	H225640-02 H230421-06	- <10	- <10	- <10	- <10	- <.050	- <.050	- <.050	- <.150	- <0.300	432 288	2' 2'
W2 W3	WALL		11/11/2022	H225360-11	<10	<10	<10	<10	<.050	<.050	<.050	<.150	< 0.300	96	2'
W4-A	WALL		11/11/2022	H225360-03	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<0.300	256	2'
W5	WALL		11/11/2022	H225360-04	<10	69.2	<10	69.2	<.050	<.050	<.050	<.150	<0.300	464	2'
W6	WALL		11/11/2022	H225360-05	<10	451	81.3	532.3	<.050	<.050	<.050	<.150	< 0.300	608	2'
W6-A W6-B	WALL	11/22/2022 12/1/2022	11/23/2022 12/1/2022	H225537-27 H225640-03	<10	<10	<10	<10	<.050	<.050	<.050 -	<.150	<.300	1070 144	2' 2'
W6	WALL	1/27/2022	1/27/2023	H230421-07	<10	<10	<10	<10	<.050	<.050	<.050	<.150	< 0.300	144	2'
W7	WALL		11/11/2022	H225360-06	<10	<10	<10	<10	<.050	<.050	<.050	<.150	< 0.300	144	2'
W8-C	WALL	, -, -	11/15/2022	H225396-01	<10	<10	<10	<10	<.050	<.050	<.050	<.150	< 0.300	192	2'
W9-B	WALL	, -, -	11/11/2022	H225360-07	<10	<10	<10	<10	<.050	<.050	<.050	<.150	< 0.300	384	2' 2'
W9-C W9-D	WALL	11/15/2022 12/1/2022	11/15/2022 12/1/2022	H225396-02 H225640-04	<10 <10	<10 2410	<10 999	<10 3409	<.050 <.050	<.050 <.050	<.050 <.050	<.150 <.150	<0.300 <0.300	176 64	2 2'
W9-E	WALL	12/6/2022	12/6/2022	H225729-02	<10	<10	<10	<10	-	-	-	-	-	-	2'
W9	WALL	1/27/2023	1/27/2023	H230421-08	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<0.300	32	2'
W10	WALL	1 -1 -	11/15/2022	H225396-03	<10	<10	<10	<10	<.050	<.050	<.050	<.150	< 0.300	224	2'
W11-E	WALL		11/11/2022	H225360-08	<10	<10	<10	<10	<.050 <.050	<.050 <.050	<.050 <.050	<.150 <.150	<0.300 <0.300	208 96	2' 2'
W12 W13	WALL	11/10/2022 11/15/2022	11/11/2022	H225360-09 H225396-04	<10 <10	<10 <10	<10 <10	<10 <10	<.050	<.050	<.050	<.150	< 0.300	48	2'
W14-A	WALL	1 - 1 -	11/11/2022	H225360-10	<10	<10	<10	<10	<.050	<.050	<.050	<.150	< 0.300	96	2'
W15-B	WALL	11/15/2022	11/15/2022	H225396-05	<10	<10	<10	<10	<.050	<.050	<.050	<.150	< 0.300	48	2'
W16-B	WALL		11/15/2022	H225396-06	<10	<10	<10	<10	<.050	<.050	<.050	<.150	< 0.300	144	2'
W17 W18	WALL	11/8/2022	11/9/2022	H225280-11	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	288	2'
W19	WALL						TELEPH	IONE POL	E - DIG N I	HAUL					
W20	WALL	12/1/2022	12/1/2022	H225640-05	<10	29.4	38.2	67.6	<.050	<.050	<.050	<.150	<.300	720	2'
W20	WALL	1/27/2023	1/27/2023	H230421-09	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	336	2'
W21	WALL	11/8/2022	11/9/2022	H225280-12	<10	<10 <10	<10 <10	<10	<.050	<.050	<.050 <.050	<.150	<.300 <.300	176 64	2' 2'
W22 W22	WALL	12/1/2022 1/27/2023	12/1/2022 1/27/2023	H225640-06 H230421-10	<10 <10	<10	<10	<10 <10	<.050 <.050	<.050 <.050	<.050	<.150 <.150	<.300	32	2'
W22	WALL	12/1/2022	12/1/2022	H225640-07	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	48	2'
W24	WALL	12/1/2022	12/1/2022	H225640-08	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	48	2'
W24	WALL	1/27/2023	1/27/2023	H230421-11	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	48	2'
B1	BOTTOM	11/8/2022 11/22/2022	11/9/2022	H225280-01 H225537-01	<10 <10	536 <10	98.4 <10	634.4 <10	<.050 <.050	<.050 <.050	<.050 <.050	<.150 <.150	<.300 <.300	512 144	5' 6'
B1 B2	BOTTOM	11/8/2022	11/9/2022	H225280-02	<10	592	133	725	<.050	<.050	<.050	<.150	<.300	384	5'
B2	BOTTOM	11/22/2022			<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	112	6'
B3	BOTTOM	11/8/2022	11/9/2022	H225280-03	<10	84.3	<10	84.3	<.050	<.050	<.050	<.150	<.300	288	6'
B4	BOTTOM	11/8/2022	11/9/2022	H225280-04	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	64	6'
B5 B6	BOTTOM	11/8/2022 11/8/2022	11/9/2022 11/9/2022	H225280-05 H225280-06	<10 <10	39.3 14.7	<10 <10	39.3 14.7	<.050 <.050	<.050 <.050	<.050 <.050	<.150 <.150	<.300 <.300	272 336	4' 4'
B6 B7	BOTTOM	11/8/2022	11/9/2022	H225280-06	<10	14.7 150	21.7	171.7	<.050	<.050	<.050	<.150	<.300	320	4
B7	BOTTOM	11/22/2022		H225537-03	<10	31.9	<10	31.9	<.050	<.050	<.050	<.150	<.300	864	5'
B7	BOTTOM	12/5/2022	12/5/2022	H225687-01	-	-	-	-	-	-	-	-	-	144	6'
B7	BOTTOM	1/30/2023	1/30/2023	H230426-10	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	240	6'
B8 B8	BOTTOM	11/8/2022 11/22/2022	11/9/2022	H225280-08 H225537-04	<10 <10	427 <10	81.4 <10	508.4 <10	<.050 <.050	<.050 <.050	<.050 <.050	<.150 <.150	<.300 <.300	512 320	5' 6'
B8 B9	BOTTOM	11/22/2022	11/23/2022	H225537-04 H225280-09	<10	<10 14.7	<10	<10 14.7	<.050	<.050	<.050	<.150	<.300	256	6'
B10	BOTTOM	11/8/2022	11/9/2022	H225280-10	<10	385	80	465	<.050	<.050	<.050	<.150	<.300	448	8'
B10	BOTTOM	11/22/2022		H225537-05	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	240	10'
B11	BOTTOM	1/30/2023	1/30/2023	H230426-04	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	160	6'
B12	BOTTOM	11/17/2022 11/17/2022		H225451-01 H225451-02	<10 <10	16.5	<10 <10	<10 126	<.050 <.050	<.050	<.050	<.150	<.300 <.300	352 464	6' 2'
B13 B13	BOTTOM	11/1//2022		H225451-02 H225537-06	<10	<10	<10	<10	<.050	<.050 <.050	<.050 <.050	<.150 <.150	<.300	464 848	2.5'
B13	BOTTOM	12/1/2022	12/1/2022	H225640-09	-	-	-	-	-	-	-	-	-	80	3'
B13	BOTTOM	1/30/2023	1/30/2023	H230426-01	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	144	3'

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D4 -	DOTTO	11/24/2022	11/22/2022	11225402.04	.10	FO O	-10	F0.0			- 050	450	1 200	402	21
B14	BOTTOM	11/21/2022	11/22/2022	H225489-01 H230407-01	<10 <10	59.9 <10	<10 <10	59.9 <10	<.050 <.050	<.050 <.050	<.050 <.050	<.150 <.150	<.300 <.300	192 112	3' 4'
B14 B15	BOTTOM	1/26/2023	1/27/2023	H230407-01 H225489-02	<10	<10	236	<10 1667.1	<.050	<.050	<.050	<.150	<.300	496	4 3'
B15 B15	BOTTOM	12/5/2022	12/5/2022	H225699-01	<10	46.9	<10	46.9	-	-	-		-		3 4'
B15 B15	BOTTOM	1/26/2023	1/27/2022	H230426-02	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	16	4'
B16	BOTTOM	11/22/2022	11/23/2022	H225537-07	<10	89.4	16.2	105.6	<.050	<.050	<.050	<.150	<.300	416	3'
B16	BOTTOM	12/5/2022	12/5/2022	H225699-02	<10	<10	<10	<10	-	-	-	-	-	-	4'
B16	BOTTOM	1/30/2023	1/30/2023	H230426-03	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	240	4'
B17	BOTTOM	11/22/2022	11/23/2022	H225537-08	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	256	4'
B18	BOTTOM	11/16/2022	11/17/2022	H225432-08	<10	72.6	11.8	84.4	<.050	<.050	<.050	<.150	<.300	464	4'
B19	BOTTOM	11/22/2022	11/23/2022	H225537-09	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	944	2'
B19	BOTTOM	12/1/2022	12/1/2022	H225640-10	-	-	-	-	-	-	-	-	-	752	3'
B19	BOTTOM	1/30/2023	1/30/2023	H230426-05	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	208	3'
B20	BOTTOM	11/22/2022	11/23/2022	H225537-10	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	704	3'
B21	BOTTOM	11/22/2022	11/23/2022	H225537-11	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	1721	2'
B21	BOTTOM	1/26/2023	1/27/2023	H230407-02	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	96	2.5'
B22	BOTTOM	11/21/2022	11/22/2022	H225489-03	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	592	3'
B23	BOTTOM	11/21/2022	11/22/2022	H225489-04	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	880	2' 2.5'
B23 B23	BOTTOM	12/5/2022 1/26/2023	12/5/2022 1/27/2023	H225687-02 H230407-03	- <10	- <10	<10	- <10	- <.050	- <.050	- <.050	- <.150	- <.300	32 80	2.5
B23 B24	BOTTOM	1/20/2023	11/23/2023	H225537-12	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	880	2.5
B24 B24	BOTTOM BOTTOM	1/26/2023	1/27/2022	H223337-12 H230407-04	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	80	2.5'
B24 B25	BOTTOM	1/20/2023	11/23/2023	H225537-13	<10	<10	<10	<10	<.050	<.050	<.030	<.150	<.300	544	3.5'
B26	BOTTOM	11/22/2022	11/23/2022	H225537-14	<10	17.2	11.3	28.5	<.050	<.050	<.050	<.150	<.300	944	3'
B26	BOTTOM	1/30/2023	1/30/2023	H230426-06	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	176	3.5'
B27	BOTTOM	11/22/2022	11/23/2022	H225537-15	<11	11.7	<10	11.7	<.050	<.050	<.050	<.150	<.300	1180	2.5'
B27	BOTTOM	1/26/2023	1/27/2023	H230407-05	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	64	3'
B28	BOTTOM	11/21/2022	11/22/2022	H225489-05	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	688	3.5'
B29	BOTTOM	11/21/2022	11/22/2022	H225489-06	<10	20	<10	20	<.050	<.050	<.050	<.150	<.300	704	4'
B30	BOTTOM	11/16/2022	11/17/2022	H225432-07	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	368	4'
B31	BOTTOM	11/21/2022	11/22/2022	H225489-07	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	576	4'
B32	BOTTOM	11/16/2022	11/17/2022	H225432-04	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	592	6'
B33	BOTTOM	11/16/2022		H225432-05	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	592	2'
B34	BOTTOM	11/16/2022	11/17/2022	H225432-06	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	880	1.5'
B34	BOTTOM	11/22/2022	11/23/2022	H225537-16	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	800	1.5'
B34	BOTTOM	1/26/2023	1/27/2023	H230407-06	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	32	2'
	DOTTONA		1/20/2022		10	/10	~10	~10		< 050			< 200	1//	21
B34	BOTTOM	1/30/2023	1/30/2023	H230426-07	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	144	2' 2'
B35	BOTTOM	1/30/2023 11/17/2022	11/18/2022	H230426-07 H225451-03	<10	57.5	<10	57.5	<.050	<.050	<.050 <.050	<.150 <.150	<.300	528	2'
B35 B36	BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022	11/18/2022 11/22/2022	H230426-07 H225451-03 H225489-08	<10 <10	57.5 <10	<10 <10	57.5 <10	<.050 <.050	<.050 <.050	<.050 <.050 <.050	<.150 <.150 <.150	<.300 <.300	528 272	2' 2'
B35 B36 B37	BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022	11/18/2022 11/22/2022 11/22/2022	H230426-07 H225451-03 H225489-08 H225489-09	<10 <10 <10	57.5 <10 <10	<10 <10 <10	57.5 <10 <10	<.050 <.050 <.050	<.050 <.050 <.050	<.050 <.050 <.050 <.050	<.150 <.150 <.150 <.150	<.300 <.300 <.300	528 272 720	2'
B35 B36 B37 B38	BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022	H230426-07 H225451-03 H225489-08 H225489-09 H225432-03	<10 <10 <10 <10	57.5 <10 <10 <10	<10 <10 <10 <10	57.5 <10 <10 <10	<.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050	<.150 <.150 <.150 <.150 <.150	<.300 <.300 <.300 <.300	528 272 720 112	2' 2' 6' 4'
B35 B36 B37	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022	11/18/2022 11/22/2022 11/22/2022	H230426-07 H225451-03 H225489-08 H225489-09	<10 <10 <10	57.5 <10 <10	<10 <10 <10	57.5 <10 <10	<.050 <.050 <.050	<.050 <.050 <.050	<.050 <.050 <.050 <.050	<.150 <.150 <.150 <.150	<.300 <.300 <.300	528 272 720	2' 2' 6'
B35 B36 B37 B38 B39	BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/23/2022	H230426-07 H225451-03 H225489-08 H225489-09 H225432-03 H225432-02	<10 <10 <10 <10 <10	57.5 <10 <10 <10 28	<10 <10 <10 <10 <10	57.5 <10 <10 <10 28	<.050 <.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050	<.150 <.150 <.150 <.150 <.150 <.150	<.300 <.300 <.300 <.300 <.300	528 272 720 112 864	2' 2' 6' 4' 3'
B35 B36 B37 B38 B39 B39	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/22/2022 11/16/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/23/2022 11/17/2022	H230426-07 H225451-03 H225489-08 H225489-09 H225432-03 H225432-02 H225537-17	<10 <10 <10 <10 <10 <10 <10	57.5 <10 <10 <10 28 56.5	<10 <10 <10 <10 <10 <10	57.5 <10 <10 <10 28 56.5	<.050 <.050 <.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050 <.050	<.150 <.150 <.150 <.150 <.150 <.150 <.150	<.300 <.300 <.300 <.300 <.300 <.300	528 272 720 112 864 720	2' 2' 6' 4' 3' 4'
B35 B36 B37 B38 B39 B39 B40	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/22/2022 11/16/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/23/2022 11/17/2022	H230426-07 H225451-03 H225489-08 H225489-09 H225432-03 H225432-02 H225537-17 H225432-01 H225468-01	<10 <10 <10 <10 <10 <10 <10	57.5 <10 <10 28 56.5 57.5 35.6	<10 <10 <10 <10 <10 <10 <10 <10	57.5 <10 <10 <10 28 56.5 57.5	<.050 <.050 <.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	<.150 <.150 <.150 <.150 <.150 <.150 <.150 <.150	<.300 <.300 <.300 <.300 <.300 <.300 <.300	528 272 720 112 864 720 224	2' 2' 6' 4' 3' 4' 3'
B35 B36 B37 B38 B39 B40 B41	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/18/2022 1/26/2023	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 1/27/2023	H230426-07 H225451-03 H225489-08 H225489-09 H225432-03 H225432-02 H225537-17 H225432-01 H225468-01	<10 <10 <10 <10 <10 <10 <10	57.5 <10 <10 28 56.5 57.5 35.6	<10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10 <10 <10 28 56.5 57.5 35.6	<.050 <.050 <.050 <.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	<.150 <.150 <.150 <.150 <.150 <.150 <.150 <.150 <.150	<.300 <.300 <.300 <.300 <.300 <.300 <.300	528 272 720 112 864 720 224 352	2' 2' 6' 4' 3' 3' 3'
B35 B36 B37 B38 B39 B40 B41 B41	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/18/2022 1/26/2023 11/18/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/23/2022 11/17/2022 11/18/2022 1/27/2023 11/18/2022 1/27/2023	H230426-07 H225451-03 H225489-08 H225489-09 H225432-03 H225432-02 H225537-17 H225432-01 H225468-01 H230407-07 H225468-02 H230407-08	<10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10 <10 <10 28 56.5 57.5 35.6 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10 <10 <10 28 56.5 57.5 35.6 <10	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	<.150 <.150 <.150 <.150 <.150 <.150 <.150 <.150 <.150 <.150	<.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300	528 272 720 112 864 720 224 352 96	2' 2' 6' 4' 3' 3' 3' 3' 3' 3' 3' 3'
B35 B36 B37 B38 B39 B39 B40 B41 B41 B42	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/18/2022 1/26/2023 11/18/2022 1/26/2023 11/21/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/23/2022 11/17/2022 11/18/2022 1/27/2023 11/18/2022 1/27/2023	H230426-07 H225451-03 H225489-08 H225489-09 H225432-03 H225432-02 H225537-17 H225432-01 H225468-01 H230407-07 H225468-02 H230407-08 H225489-10	<10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10 <10 <10 56.5 57.5 35.6 <10 <10 <10 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 	<.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300	528 272 720 112 864 720 224 352 96 592 64 832	2' 2' 6' 4' 3' 3' 3' 3' 3' 3' 5'
B35 B36 B37 B38 B39 B40 B41 B42 B42 B42 B43	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/18/2022 11/18/2022 11/18/2022 11/18/2023 11/21/2022 1/26/2023	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 1/27/2023 11/18/2022 1/27/2023	H230426-07 H225451-03 H225489-08 H225489-09 H225432-03 H225432-02 H225537-17 H225432-01 H225468-01 H230407-07 H225468-02 H230407-08 H225489-10 H230407-09	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10 <10 <10 56.5 57.5 35.6 <10 <10 <10 <10 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 	 <.050 	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 	<.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300	528 272 720 112 864 720 224 352 96 592 64 832 32	2' 2' 6' 4' 3' 3' 3' 3' 3' 3' 5' 6'
B35 B36 B37 B38 B39 B40 B41 B42 B42 B43 B43	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/18/2022 11/18/2022 11/18/2022 11/26/2023 11/21/2022 11/26/2023	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 1/27/2023 11/18/2022 1/27/2023 11/22/2022 1/27/2023	H230426-07 H225451-03 H225489-08 H225489-09 H225432-03 H225432-02 H225537-17 H225432-01 H225468-01 H230407-07 H225468-02 H230407-08 H225489-10 H230407-09 H225537-18	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10 <10 <10 56.5 57.5 35.6 <10 <10 <10 <10 <10 <10 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 	 <.050 	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 	<.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300 <.300	528 272 720 112 864 720 224 352 96 592 64 832 32 336	2' 2' 6' 4' 3' 3' 3' 3' 3' 3' 3' 5' 6' 5'
B35 B36 B37 B38 B39 B40 B41 B42 B42 B43 B43 B43	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/18/2022 1/26/2023 11/18/2022 1/26/2023 11/21/2022 11/22/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 11/18/2022 1/27/2023 11/18/2022 1/27/2023 11/22/2022 11/23/2022 11/23/2022	H230426-07 H225451-03 H225489-09 H225432-03 H225432-02 H225537-17 H225432-01 H225468-01 H230407-07 H225468-02 H230407-08 H225489-10 H230407-09 H225537-18 H225537-19	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10 <10 28 56.5 57.5 35.6 <10 <10 <10 <10 <10 <10 <10 <10 12	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 	 <.050 	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 	 <.300 	528 272 720 112 864 720 224 352 96 592 64 832 32 336 864	2' 2' 6' 4' 3' 3' 3' 3' 3' 3' 5' 6' 5' 5' 3'
B35 B36 B37 B38 B39 B40 B41 B42 B42 B43 B43 B43 B43 B44 B45	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/18/2022 1/26/2023 11/18/2022 1/26/2023 11/22/2022 11/22/2022 11/22/2022 1/30/2023	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 1/27/2023 11/18/2022 1/27/2023 11/22/2022 1/27/2023 11/23/2022 11/23/2022 1/30/2023	H230426-07 H225451-03 H225489-08 H225489-09 H225432-03 H225432-02 H225537-17 H225468-01 H230407-07 H225468-02 H230407-08 H225489-10 H230407-09 H225537-18 H225537-19 H230426-08	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10 <10 28 56.5 57.5 35.6 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 	 <.050 	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 	 <.300 	528 272 720 112 864 720 224 352 96 592 64 832 32 336 864 128	2' 2' 6' 4' 3' 3' 3' 3' 3' 3' 5' 6' 5' 3' 4'
B35 B36 B37 B38 B39 B40 B41 B42 B42 B43 B43 B43 B43 B44 B45 B45 B46	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/18/2022 1/26/2023 11/18/2022 1/26/2023 11/22/2022 11/22/2022 11/22/2022 11/22/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 11/18/2022 1/27/2023 11/22/2022 1/27/2023 11/23/2022 11/23/2022 1/30/2023 11/23/2022	H230426-07 H225451-03 H225489-08 H225432-03 H225432-02 H225432-02 H225432-01 H225432-01 H225468-01 H230407-07 H225489-10 H230407-08 H225489-10 H230407-09 H225537-18 H225537-19 H230426-08 H225537-20	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 	 <.050 	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 	 <.300 	528 272 720 112 864 720 224 352 96 592 64 832 32 336 864 128 896	2' 2' 6' 4' 3' 3' 3' 3' 3' 5' 6' 5' 5' 6' 5' 3' 4'
B35 B36 B37 B38 B39 B40 B41 B42 B42 B43 B43 B43 B43 B44 B45 B46	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/18/2022 1/26/2023 11/21/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2023	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 1/27/2023 11/18/2022 1/27/2023 11/22/2022 11/23/2022 11/23/2022 1/30/2023 11/23/2022 1/27/2023	H230426-07 H225451-03 H225489-08 H225432-03 H225432-02 H225432-02 H225432-01 H225432-01 H225468-01 H230407-07 H225489-10 H230407-08 H225489-10 H230407-09 H225537-18 H225537-19 H230426-08 H225537-20 H230407-10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10 <10 <10 <28 56.5 57.5 35.6 <10 <10 <10 <10 <10 <10 <10 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 	 <.050 	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 	 <.300 	528 272 720 112 864 720 224 352 96 592 64 832 32 336 864 128 896 32	2' 2' 6' 4' 3' 3' 3' 3' 3' 3' 3' 5' 6' 5' 3' 4' 3' 3.5'
B35 B36 B37 B38 B39 B40 B41 B42 B42 B43 B43 B43 B43 B43 B44 B45 B45 B46 B46 B47	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/18/2022 1/26/2023 11/21/2022 11/22/2022 11/22/2022 11/22/2022 1/26/2023 11/22/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 11/18/2022 1/27/2023 11/22/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022	H230426-07 H225451-03 H225489-09 H225432-03 H225432-02 H225537-17 H225432-01 H225468-01 H230407-07 H225468-02 H230407-08 H225489-10 H230407-09 H225537-18 H225537-19 H230426-08 H225537-20 H230407-10 H225537-21	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 	 <.050 	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 	 <.300 <	528 272 720 112 864 720 224 352 96 592 64 832 32 336 864 128 896 32 624	2' 2' 6' 4' 3' 3' 3' 3' 3' 3' 3' 5' 6' 5' 5' 5' 3' 4' 3.5' 3.5'
B35 B36 B37 B38 B39 B40 B41 B42 B42 B43 B43 B44 B45 B45 B46 B47 B48	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/18/2022 1/26/2023 11/21/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/17/2023 11/18/2022 1/27/2023 11/22/2023 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022	H230426-07 H225451-03 H225489-08 H225432-03 H225432-02 H225432-02 H225432-01 H225432-01 H225468-01 H230407-07 H225468-02 H230407-08 H225489-100 H230407-09 H225537-18 H225537-10 H230426-08 H225537-20 H230407-10 H225537-21 H225537-22	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 	 <.050 	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 <	 <.300 	528 272 720 112 864 720 224 352 96 592 64 832 32 336 864 128 896 32 624 688	2' 2' 6' 4' 3' 3' 3' 3' 3' 3' 3' 3' 5' 6' 5' 5' 6' 5' 3' 4' 3' 3.5' 3.5' 3.5'
B35 B36 B37 B38 B39 B40 B41 B42 B42 B43 B44 B45 B45 B46 B47 B48 B49	BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/18/2022 11/18/2022 1/26/2023 11/21/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/17/2023 11/18/2022 1/27/2023 11/22/2023 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022	H230426-07 H225451-03 H225489-09 H225432-03 H225432-02 H225537-17 H225432-01 H225468-01 H230407-07 H225468-02 H230407-08 H225489-10 H230407-09 H225537-18 H225537-20 H230407-10 H225537-21 H225537-22 H225537-23	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 	 <.050 	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 <	 <.300 	528 272 720 112 864 720 224 352 96 592 64 832 32 336 864 128 896 32 624 688 320	2' 2' 6' 4' 3' 3' 3' 3' 3' 3' 3' 5' 6' 5' 5' 6' 5' 3' 4' 3.5' 3.5' 3.5' 3.5'
B35 B36 B37 B38 B39 B40 B41 B42 B42 B43 B44 B45 B45 B46 B47 B48 B49 B50	BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/18/2022 1/26/2023 11/21/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/17/2023 11/18/2022 1/27/2023 11/22/2023 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022	H230426-07 H225451-03 H225489-08 H22542-03 H225432-02 H225432-01 H225432-01 H225432-01 H225432-01 H225432-01 H225468-01 H230407-07 H225489-10 H230407-08 H225537-18 H225537-19 H230407-010 H225537-20 H230407-10 H225537-21 H225537-22 H225537-23 H225537-24	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 	 <.050 	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 	 <.150 <	 <.300 <	528 272 720 112 864 720 224 352 96 592 64 832 32 336 864 128 864 128 896 32 624 688 320 880	2' 2' 6' 4' 3' 3' 3' 3' 3' 3' 3' 3' 5' 6' 5' 5' 6' 5' 3' 3' 3.5' 3.5'
B35 B36 B37 B38 B39 B40 B41 B42 B42 B43 B44 B45 B45 B46 B47 B48 B49 B50	BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/26/2023 11/18/2022 1/26/2023 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 1/27/2023 11/22/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022	H230426-07 H225451-03 H225489-08 H22542-03 H225432-02 H225432-01 H225432-01 H225432-01 H225432-01 H225432-01 H225468-01 H230407-07 H225489-10 H230407-08 H225537-18 H225537-19 H230407-00 H225537-19 H230426-08 H225537-20 H230407-10 H225537-21 H225537-22 H225537-23 H225537-24 H230426-09	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 	 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 <	 <.300 <	528 272 720 112 864 720 224 352 96 592 64 832 32 336 864 128 896 32 624 688 320 880 272	2' 2' 4' 3' 4' 3' 3' 3' 3' 3' 5' 6' 5' 5' 6' 5' 3' 4' 3,5' 3,5' 3,5' 3,5' 4'
B35 B36 B37 B38 B39 B40 B41 B42 B43 B43 B44 B45 B46 B45 B46 B47 B48 B45 B46 B47 B48 B45 B46 B47 B48 B49 B50 B51	BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/22/2022 11/18/2022 1/26/2023 11/22/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 1/27/2023 11/28/2022 11/23/2022	H230426-07 H225451-03 H225489-08 H22542-03 H225432-02 H225432-01 H225432-01 H225432-01 H225432-01 H225432-01 H225468-01 H230407-07 H225489-10 H225489-10 H225489-10 H22547-19 H225537-19 H230407-00 H225537-20 H230426-08 H225537-21 H225537-22 H225537-23 H225537-24 H230426-09 H230426-09	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 	 <.050 	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 	 <.150 <	 <.300 <	528 272 720 112 864 720 224 352 96 592 64 832 336 864 128 896 32 624 688 320 880 272 864	2' 2' 4' 3' 4' 3' 3' 3' 3' 3' 5' 6' 6' 5' 3' 4' 3.5' 3.5' 3.5' 3.5' 4' 5,5'
B35 B36 B37 B38 B39 B40 B41 B42 B43 B43 B44 B45 B46 B45 B46 B47 B48 B45 B46 B45 B46 B45 B46 B47 B48 B49 B50 B51	BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/26/2023 11/18/2022 1/26/2023 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022 11/22/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 1/27/2023 11/22/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022	H230426-07 H225451-03 H225489-08 H22542-03 H225432-02 H225432-01 H225432-01 H225432-01 H225432-01 H225432-01 H225468-01 H230407-07 H225489-10 H230407-08 H225537-18 H225537-19 H230407-00 H225537-19 H230426-08 H225537-20 H230407-10 H225537-21 H225537-22 H225537-23 H225537-24 H230426-09	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 	 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 <	 <.300 <	528 272 720 112 864 720 224 352 96 592 64 832 32 336 864 128 896 32 624 688 320 880 272	2' 2' 4' 3' 4' 3' 3' 3' 3' 3' 5' 6' 5' 5' 6' 5' 3' 4' 3,5' 3,5' 3,5' 3,5' 4'
B35 B36 B37 B38 B39 B40 B41 B42 B43 B43 B44 B45 B46 B45 B46 B47 B48 B45 B46 B47 B48 B45 B46 B47 B48 B49 B50 B51	BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/26/2023 11/21/2022 11/22/2022 1/30/2023 3/6/2022 3/29/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 1/27/2023 11/22/2023 11/22/2023 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 13/0/2023 3/8/2022 3/29/2022	H230426-07 H225451-03 H225489-08 H225432-03 H225432-02 H225432-01 H225432-01 H225432-01 H225468-01 H230407-07 H225489-10 H230407-08 H225489-10 H230407-09 H225537-18 H225537-20 H230407-10 H225537-21 H225537-22 H225537-22 H225537-23 H225537-24 H230426-09 H231452-01	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 <.050 <.050	 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 <	 <.300 <	528 272 720 112 864 720 224 352 96 592 64 832 336 864 128 896 32 624 688 320 624 688 320 880 272 864	2' 2' 4' 3' 4' 3' 3' 3' 3' 3' 3' 3' 3' 3' 3' 3' 3.5' 3' 3.5' 3' 3.5' 4' 5' 6'
B35 B36 B37 B38 B39 B40 B41 B42 B43 B43 B44 B45 B46 B46 B46 B47 B48 B45 B46 B47 B48 B49 B50 B51 B52	BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/26/2023 11/21/2022 11/22/2022 12/30/2023 3/6/2022 3/29/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 11/18/2022 1/27/2023 11/28/2022 1/27/2023 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 11/23/2022 13/8/2022 3/8/2022 3/29/2022	H230426-07 H225451-03 H225489-08 H225432-03 H225432-02 H225432-01 H225432-01 H225432-01 H225432-01 H225432-01 H225468-01 H230407-07 H225489-10 H230407-08 H225537-18 H225537-20 H230407-10 H225537-21 H225537-22 H225537-22 H225537-22 H225537-23 H225537-24 H230426-09 H230426-01 H225537-22 H225537-23 H225537-24 H230426-09 H231452-01 H231452-01	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 <.050 <.050	 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 <	 <.300 <	528 272 720 112 864 720 224 352 96 592 64 832 336 864 128 896 32 624 688 320 624 688 320 880 272 864	2' 2' 6' 4' 3' 3' 3' 3' 3' 3' 5' 6' 6' 5' 3' 4' 3.5' 3.5' 3.5' 4' 5' 6' 5' 5'
B35 B36 B37 B38 B39 B40 B41 B42 B43 B44 B45 B46 B47 B48 B47 B48 B47 B48 B47 B48 B47 B48 B49 B50 B51 B52 all results r	BOTTOM BOTTOM	1/30/2023 11/17/2022 11/21/2022 11/21/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/16/2022 11/26/2023 11/21/2022 11/22/2022 12/2022	11/18/2022 11/22/2022 11/22/2022 11/17/2022 11/17/2022 11/17/2022 11/18/2022 11/18/2022 1/27/2023 11/28/2022 1/27/2023 11/23/2022 11/23/20	H230426-07 H225451-03 H225489-08 H225432-03 H225432-02 H225432-01 H225432-01 H225432-01 H225432-01 H225432-01 H225468-01 H230407-07 H225489-10 H230407-08 H225489-10 H230407-09 H225537-18 H225537-20 H230426-08 H225537-21 H225537-22 H230407-10 H225537-24 H230426-09 H231034-01 H231452-01 H231452-02	<10	57.5 <10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	57.5 <10	 <.050 <.050 <.050	 <.050 <.050 <.050	<.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	 <.150 <	 <.300 <	528 272 720 112 864 720 224 352 96 592 64 832 336 864 128 896 32 624 688 320 624 688 320 880 272 864	2' 2' 6' 4' 3' 3' 3' 3' 3' 3' 5' 6' 6' 5' 3' 4' 3.5' 3.5' 3.5' 4' 5' 6' 5' 5'

APPENDIX D



November 10, 2022

STAN MICKLE RX-SOIL INC. 201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: APACHE

Enclosed are the results of analyses for samples received by the laboratory on 11/09/22 8:03.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102							
		Fax To:	NA						
Received:	11/09/2022		Sampling Date:	11/08/2022					
Reported:	11/10/2022		Sampling Type:	Soil					
Project Name:	APACHE		Sampling Condition:	Cool & Intact					
Project Number:	APACHE - M9		Sample Received By:	Tamara Oldaker					
Project Location:	ARTESIA, NM								

Sample ID: B 1 (H225280-01)

BTEX 8260B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/09/2022	ND	1.81	90.4	2.00	6.07	
Toluene*	<0.025	0.025	11/09/2022	ND	1.82	91.0	2.00	5.72	
Ethylbenzene*	<0.025	0.025	11/09/2022	ND	1.84	92.2	2.00	5.01	
Total Xylenes*	<0.075	0.075	11/09/2022	ND	5.71	95.1	6.00	4.38	
Total BTEX	<0.150	0.150	11/09/2022	ND					
Surrogate: Dibromofluoromethane	98.0 % 86.7-11		1						
Surrogate: Toluene-d8	90.2 % 89.3-11		0						
Surrogate: 4-Bromofluorobenzene	98.5 % 88.2-10		8						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	11/10/2022	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	11/09/2022	ND	184	91.9	200	9.33	
DRO >C10-C28*	536	10.0	11/09/2022	ND	189	94.3	200	3.51	
EXT DRO >C28-C36	98.4	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	77.0 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

RX-SOIL INC.

		STAN MICKLE 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102 Fax To: NA						
Received:	11/09/2022			Sampling Date:	11/08/2022			
Reported:	11/10/2022			Sampling Type:	Soil			
Project Name:	APACHE			Sampling Condition:	Cool & Intact			
Project Number:	APACHE - M9			Sample Received By:	Tamara Oldaker			
Project Location:	ARTESIA, NM							

Sample ID: B 2 (H225280-02)

BTEX 8260B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/09/2022	ND	1.81	90.4	2.00	6.07	
Toluene*	<0.025	0.025	11/09/2022	ND	1.82	91.0	2.00	5.72	
Ethylbenzene*	<0.025	0.025	11/09/2022	ND	1.84	92.2	2.00	5.01	
Total Xylenes*	<0.075	0.075	11/09/2022	ND	5.71	95.1	6.00	4.38	
Total BTEX	<0.150	0.150	11/09/2022	ND					
Surrogate: Dibromofluoromethane	95.1 % 86.7-11		1						
Surrogate: Toluene-d8	93.8 % 89.3-11		0						
Surrogate: 4-Bromofluorobenzene	96.9 % 88.2-10		8						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	11/10/2022	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	11/09/2022	ND	184	91.9	200	9.33	
DRO >C10-C28*	592	10.0	11/09/2022	ND	189	94.3	200	3.51	
EXT DRO >C28-C36	133	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	79.0 % 45.3-16.		1						
Surrogate: 1-Chlorooctadecane	130	% 46.3-17	8						

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*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE FORT WORTH TX, 76102	1360	
		Fax To: NA		
Received:	11/09/2022		Sampling Date:	11/08/2022
Reported:	11/10/2022		Sampling Type:	Soil
Project Name:	APACHE		Sampling Condition:	Cool & Intact
Project Number:	APACHE - M9		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: B 3 (H225280-03)

BTEX 8260B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/09/2022	ND	1.81	90.4	2.00	6.07	
Toluene*	<0.025	0.025	11/09/2022	ND	1.82	91.0	2.00	5.72	
Ethylbenzene*	<0.025	0.025	11/09/2022	ND	1.84	92.2	2.00	5.01	
Total Xylenes*	<0.075	0.075	11/09/2022	ND	5.71	95.1	6.00	4.38	
Total BTEX	<0.150	0.150	11/09/2022	ND					
Surrogate: Dibromofluoromethane	94.3	% 86.7-11	1						
Surrogate: Toluene-d8	94.7	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	94.7	% 88.2-10	8						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	184	91.9	200	9.33	
DRO >C10-C28*	84.3	10.0	11/09/2022	ND	189	94.3	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	78.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.8	% 46.3-17	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



RX-SOIL INC.

		CLE STREET, SUITE 1 ITH TX, 76102 NA	360	
Received:	11/09/2022		Sampling Date:	11/08/2022
Reported:	11/10/2022		Sampling Type:	Soil
Project Name:	APACHE		Sampling Condition:	Cool & Intact
Project Number:	APACHE - M9		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: B 4 (H225280-04)

BTEX 8260B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/09/2022	ND	1.81	90.4	2.00	6.07	
Toluene*	<0.025	0.025	11/09/2022	ND	1.82	91.0	2.00	5.72	
Ethylbenzene*	<0.025	0.025	11/09/2022	ND	1.84	92.2	2.00	5.01	
Total Xylenes*	<0.075	0.075	11/09/2022	ND	5.71	95.1	6.00	4.38	
Total BTEX	<0.150	0.150	11/09/2022	ND					
Surrogate: Dibromofluoromethane	95.0	% 86.7-11	1						
Surrogate: Toluene-d8	91.7	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	97.4	% 88.2-10	8						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	184	91.9	200	9.33	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	189	94.3	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	73.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.3	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SOIL INC.

		KLE STREET, SUITE RTH TX, 76102 NA	1360	
Received:	11/09/2022		Sampling Date:	11/08/2022
Reported:	11/10/2022		Sampling Type:	Soil
Project Name:	APACHE		Sampling Condition:	Cool & Intact
Project Number:	APACHE - M9		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: B 5 (H225280-05)

BTEX 8260B	mg,	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/09/2022	ND	1.81	90.4	2.00	6.07	
Toluene*	<0.025	0.025	11/09/2022	ND	1.82	91.0	2.00	5.72	
Ethylbenzene*	<0.025	0.025	11/09/2022	ND	1.84	92.2	2.00	5.01	
Total Xylenes*	<0.075	0.075	11/09/2022	ND	5.71	95.1	6.00	4.38	
Total BTEX	<0.150	0.150	11/09/2022	ND					
Surrogate: Dibromofluoromethane	98.6	% 86.7-11	1						
Surrogate: Toluene-d8	88.2	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	96.5	% 88.2-10	8						
Chloride, SM4500Cl-B	mg	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	11/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	184	91.9	200	9.33	
DRO >C10-C28*	39.3	10.0	11/09/2022	ND	189	94.3	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	82.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.0	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SOIL INC.

		CLE STREET, SUITE 1 ITH TX, 76102 NA	360	
Received:	11/09/2022		Sampling Date:	11/08/2022
Reported:	11/10/2022		Sampling Type:	Soil
Project Name:	APACHE		Sampling Condition:	Cool & Intact
Project Number:	APACHE - M9		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: B 6 (H225280-06)

BTEX 8260B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/09/2022	ND	1.81	90.4	2.00	6.07	
Toluene*	<0.025	0.025	11/09/2022	ND	1.82	91.0	2.00	5.72	
Ethylbenzene*	<0.025	0.025	11/09/2022	ND	1.84	92.2	2.00	5.01	
Total Xylenes*	<0.075	0.075	11/09/2022	ND	5.71	95.1	6.00	4.38	
Total BTEX	<0.150	0.150	11/09/2022	ND					
Surrogate: Dibromofluoromethane	98.0	% 86.7-11	1						
Surrogate: Toluene-d8	91.2	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	97.6	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	184	91.9	200	9.33	
DRO >C10-C28*	14.7	10.0	11/09/2022	ND	189	94.3	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	88.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.6	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SOIL INC.

		CLE STREET, SUITE 1 ITH TX, 76102 NA	360	
Received:	11/09/2022		Sampling Date:	11/08/2022
Reported:	11/10/2022		Sampling Type:	Soil
Project Name:	APACHE		Sampling Condition:	Cool & Intact
Project Number:	APACHE - M9		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: B 7 (H225280-07)

BTEX 8260B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/09/2022	ND	1.81	90.4	2.00	6.07	
Toluene*	<0.025	0.025	11/09/2022	ND	1.82	91.0	2.00	5.72	
Ethylbenzene*	<0.025	0.025	11/09/2022	ND	1.84	92.2	2.00	5.01	
Total Xylenes*	<0.075	0.075	11/09/2022	ND	5.71	95.1	6.00	4.38	
Total BTEX	<0.150	0.150	11/09/2022	ND					
Surrogate: Dibromofluoromethane	96.2	% 86.7-11	1						
Surrogate: Toluene-d8	93.2	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	97.9	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	196	97.9	200	2.14	
DRO >C10-C28*	150	10.0	11/09/2022	ND	193	96.4	200	2.10	QM-07
EXT DRO >C28-C36	21.7	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	86.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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RX-SOIL INC.

		CLE STREET, SUITE 1 ITH TX, 76102 NA	360	
Received:	11/09/2022		Sampling Date:	11/08/2022
Reported:	11/10/2022		Sampling Type:	Soil
Project Name:	APACHE		Sampling Condition:	Cool & Intact
Project Number:	APACHE - M9		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: B 8 (H225280-08)

BTEX 8260B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/09/2022	ND	1.81	90.4	2.00	6.07	
Toluene*	<0.025	0.025	11/09/2022	ND	1.82	91.0	2.00	5.72	
Ethylbenzene*	<0.025	0.025	11/09/2022	ND	1.84	92.2	2.00	5.01	
Total Xylenes*	<0.075	0.075	11/09/2022	ND	5.71	95.1	6.00	4.38	
Total BTEX	<0.150	0.150	11/09/2022	ND					
Surrogate: Dibromofluoromethane	95.6	% 86.7-11	1						
Surrogate: Toluene-d8	92.1	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	98.6	% 88.2-10	8						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	11/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	196	97.9	200	2.14	
DRO >C10-C28*	427	10.0	11/09/2022	ND	193	96.4	200	2.10	
EXT DRO >C28-C36	81.4	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	76.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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		CLE STREET, SUITE 1 ITH TX, 76102 NA	360	
Received:	11/09/2022		Sampling Date:	11/08/2022
Reported:	11/10/2022		Sampling Type:	Soil
Project Name:	APACHE		Sampling Condition:	Cool & Intact
Project Number:	APACHE - M9		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: B 9 (H225280-09)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/09/2022	ND	1.81	90.4	2.00	6.07	
Toluene*	<0.025	0.025	11/09/2022	ND	1.82	91.0	2.00	5.72	
Ethylbenzene*	<0.025	0.025	11/09/2022	ND	1.84	92.2	2.00	5.01	
Total Xylenes*	<0.075	0.075	11/09/2022	ND	5.71	95.1	6.00	4.38	
Total BTEX	<0.150	0.150	11/09/2022	ND					
Surrogate: Dibromofluoromethane	99.5	% 86.7-11	1						
Surrogate: Toluene-d8	91.9	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	98.7	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	196	97.9	200	2.14	
DRO >C10-C28*	14.7	10.0	11/09/2022	ND	193	96.4	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	95.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SOIL INC.

		CLE STREET, SUITE 1 ITH TX, 76102 NA	360	
Received:	11/09/2022		Sampling Date:	11/08/2022
Reported:	11/10/2022		Sampling Type:	Soil
Project Name:	APACHE		Sampling Condition:	Cool & Intact
Project Number:	APACHE - M9		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: B 10 (H225280-10)

BTEX 8260B	mg	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/09/2022	ND	1.81	90.4	2.00	6.07	
Toluene*	<0.025	0.025	11/09/2022	ND	1.82	91.0	2.00	5.72	
Ethylbenzene*	<0.025	0.025	11/09/2022	ND	1.84	92.2	2.00	5.01	
Total Xylenes*	<0.075	0.075	11/09/2022	ND	5.71	95.1	6.00	4.38	
Total BTEX	<0.150	0.150	11/09/2022	ND					
Surrogate: Dibromofluoromethane	97.8	% 86.7-11	1						
Surrogate: Toluene-d8	92.9	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	97.4	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	11/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	196	97.9	200	2.14	
DRO >C10-C28*	385	10.0	11/09/2022	ND	193	96.4	200	2.10	
EXT DRO >C28-C36	80.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	70.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.2	% 46.3-17	8						

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RX-SOIL INC.

		KLE STREET, SUITE : RTH TX, 76102 NA	1360	
Received:	11/09/2022		Sampling Date:	11/08/2022
Reported:	11/10/2022		Sampling Type:	Soil
Project Name:	APACHE		Sampling Condition:	Cool & Intact
Project Number:	APACHE - M9		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: W 17 (H225280-11)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/09/2022	ND	1.81	90.4	2.00	6.07	
Toluene*	<0.025	0.025	11/09/2022	ND	1.82	91.0	2.00	5.72	
Ethylbenzene*	<0.025	0.025	11/09/2022	ND	1.84	92.2	2.00	5.01	
Total Xylenes*	<0.075	0.075	11/09/2022	ND	5.71	95.1	6.00	4.38	
Total BTEX	<0.150	0.150	11/09/2022	ND					
Surrogate: Dibromofluoromethane	95.4	% 86.7-11	1						
Surrogate: Toluene-d8	93.4	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	96.4	% 88.2-10	8						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	196	97.9	200	2.14	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	193	96.4	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.5	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SOIL INC.

		KLE STREET, SUITE RTH TX, 76102 NA		
Received:	11/09/2022		Sampling Date:	11/08/2022
Reported:	11/10/2022		Sampling Type:	Soil
Project Name:	APACHE		Sampling Condition:	Cool & Intact
Project Number:	APACHE - M9		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: W 21 (H225280-12)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/09/2022	ND	1.81	90.4	2.00	6.07	
Toluene*	<0.025	0.025	11/09/2022	ND	1.82	91.0	2.00	5.72	
Ethylbenzene*	<0.025	0.025	11/09/2022	ND	1.84	92.2	2.00	5.01	
Total Xylenes*	<0.075	0.075	11/09/2022	ND	5.71	95.1	6.00	4.38	
Total BTEX	<0.150	0.150	11/09/2022	ND					
Surrogate: Dibromofluoromethane	95.1	% 86.7-11	1						
Surrogate: Toluene-d8	94.3	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	95.0	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	196	97.9	200	2.14	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	193	96.4	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	83.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.7	% 46.3-17	8						

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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 SM4500CI-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, Lab Director/Quality Manager

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

Company Name:

RX Soi

BILL TO

ANALYSIS REQUEST

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

relents exclusive remedy for any claim anising whather based in contract or tort, shall be immide to the amount paid the crause whatscover shall be deemed waiwed unless made in writing and received by Cardinal within 30 days afte her crause whatscover shall be deemed waiwed unless interruption, loss of use, or loss of profile incurred by c name of services hereunder by Cardinal, ingardiess of whether such claim is based upon any of the above stated to not of services hereunder by Cardinal, ingardiess of whether such claim is based upon any of the above stated to not services hereunder by Cardinal, ingardiess of whether such claim is based upon any of the above stated to not services hereunder by Cardinal, ingardiess of whether such claim is based upon any of the above stated to not services hereunder by Cardinal, ingardiess of whether such claim is based upon any of the above stated to not services hereunder by Cardinal, ingardiess of whether such claim is based upon any of the above stated to not services hereunder by Cardinal, ingardiess of whether such claim is based upon any of the above stated to not services hereunder by Cardinal, ingardiess of whether such claim is based upon any of the above stated to not served Temp. °C // Cool Intact // Cool Intact	Samp whather based in contract or tort, shall be fimiled to the amount paid and unities made in writing and received by Caudinal within 30 days after nameson, business interruptions, loss of uses of Ipotfis incurred by or andress of whether such claim is based upon any of the above saided re- grandees of whether such claim is based upon any of the above saided re- grandees of whether such claim is based upon any of the above saided re- grandees of whether such claim is based upon any of the above saided re- grandees of whether such claim is based upon any of the above saided re- grandees of whether such claim is based upon any of the above saided re- grandees of whether such claim is based upon any of the above saided re- grandees of whether such claim is based upon any of the above saided re- grandees of whether such claim is based upon any of the above saided re- grandees of whether such claim is based upon any of the above saided re- grandees of whether such claim is based upon any of the above saided re- grandees of the such claim is based upon any of the above saided re- grandees of whether such claim is based upon any of the above saided re- grandees of the such claim is based upon any of the above saided re- grandees of the such claim is based upon any of the above saided re- grandees of the such claim is based upon any of the above saided re- grandees of the such claim is based upon any of the above saided re- grandees of the such claim is based upon any of the above saided re- grandees of the such claim is based upon any of the above saided re- grandees of the such claim is based upon any of the above saided re- grandees of the such claim is based upon any of the above saided re- grandees of the such claim is based upon any of the such claim is based upon	ising whather based in contract or tor, shall be limited to the amount paid alved unless made in writing and received by Caudinal within 30 days after mation, business interruptions, loss of use, or less of potts incurred by classes and the state such claim is based upon any of the above stated real apardless of whether such claim is based upon any of the above stated real elved By: Cool Intact: Cool Inta
Anather based in contract or fort, shall be immided to the amount paid unless made in writing and received by Candinal within 30 days afte no, business interruptions, loss of use, or loss of profits incurred by or se, a character such claim is based upon any of the above stated to receive by: Cool Intact: Cool Intact: Cool Intact: Ne Ne N	Another based in contract or text, shall be immited to the amount paid by the client for the unless match in writing and received by Candinal within 30 days after completion of the applicable in, business interruptions, loss of use, or loss of profits incurred by clients in subsidiaries, as a whether such client is based upon any of the above stated reasons or totherwise. The subsidiaries is a subsidiaries interruption and the applicable is subsidiaries. The subsidiaries is a subsidiaries interruption is based upon any of the above stated reasons or the applicable. The subsidiaries is a subsidiaries interruption is based upon any of the above stated reasons or the applicable. The subsidiaries is a subsidiaries interruption is based upon any of the above stated reasons or the applicable. The subsidiaries is a subsidiaries interruption is based upon any of the above stated reasons or the applicable. The subsidiaries is a subsidiaries interruption is based upon any of the above stated reasons or the applicable. The momenter is the applicable is a subsidiaries interruption is based upon any of the above stated reasons or the applicable. The momenter is the applicable is a subsidiaries interval is a subsidiaries. The momenter is the applicable is a subsidiaries is a subsidiary in the above state is a subsidiary in the above state is a subsidiaries. The momenter is the applicable is a subsidiary in the above state is a subsidiary in	Another based in contract or text, shall be finited to the amount paid by the client for the unless marker hwelling and received by Candinal within 30 days after completion of the applicable in, business interruptions, loss of use, or loss of profits incurred by client its subsidiaries.
all be limited to the amount paid they cardinal within 30 days after e, or loss of profile incurred by or upon any of the above stated re upon any of the above stated re the card of the above stated re upon any of the abov	all be limited to the amount paid by the client for the thy Cadinal within 30 days after completion of the applicable e, or loss of portils incurred by after completion of the applicable e, or or days after completion of the applicable provide a state of the applicable of the above stated reasons or otherwise. Werbal Results are emailed. All Results are emailed. All Results are emailed. REMARKS: (Initials) Turmaround Time: Correction Factor -0.5°C	All Results are emailed. Please prov (Initials) CHECKED BY: (Initials) Checked by: (Initials) Correction Factor -0.5°C
	All Results are emailed. REMARKS:	d by the client for the r completion of the applicable assons or otherwise. assons or otherwise. All Results are emailed. Please prov All Results are emailed. Please prov

	Relinquished By:	Relinquished By:	PLEASE NOTE: Labulity and Lamages. Caronas se analyses. All claims including those for nogligence a service; In no event shall Cardinab be liable for incide affiates or successors arising out of or related to the	10 BIO	9 89	,	1 6 67	C O C	1 01	1 01	2 2 2	2 20 4	R 1	Lab I.D. S	٦	Sampler Name: Tristan	9	Project Name: Apoche	Project #:	Phone #:	City:	Address:	Project Manager: Stan
Time:	Date:	1º	PLEASE NOTE: Lability and using section as seeing and write cause whatbower shall be deemed waiwed unless made in witting and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatbower shall be deemed waiwed unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subadations, 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 subadations, artificates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons of otherwise.	Contracts lability and client's profusive remarks for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the										Sample I.D.	- 1	an Turley		C	Project Owner:	Fax #:	State: NN		Mickle
C Sample Condition	Received By:	3 Received by:	a success what have a supervised of the second waived unless made in writing and reco quental damages, including without limitation, business interruptions, loss o of services hereunder by Cardinal, regardless of whether such claim is be	r any claim arising whether based in cont							_	1	×	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MATRIX				3		NM zip:		
dition CHECKED BY:	()	alabert	and received by Cardinal within 30 days at ns, loss of use, or loss of profits incurred b aim is based upon any of the above stated	ract or tort, shall be limited to the amount								1	11/8	ACID/BASE: ICE / COOL OTHER :	PRESERV. SAM	1	Phone #:	State: Zip:	City:	Address:	Attn:	Company:	P.O. #:
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Bacteria (only) Sample Condition		il address:	hone #:																				

Sampler - UPS - Bus - Other:

Cool Intact

Corrected Temp. °C

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Received by OCD: 5/16/2023 3:42:39 PM

(of East Marland, Hobbs, NM 88240 (arre: (X Sol) Froject Owner: (arre: (X Sol) (Address: (C) (Address: (C) (Address: (C) (Address: (C) (Address: (C) (C) <th>If East Marland, Hobbs, NM 80240 (576) 393-2376 BLL 100 State: N/M Fax #: Project Owner: Fax #: Project Owner: Sample I.D. Sample I.D. Bland Marland, Hobbs, NM 80240 W17 Tri-SHCM TUCKEY Project Owner: City: Project Owner: State: None #: Project Owner: Sample I.D. Sample I.D. On A: W17 W17 Base and the second state of the second stat</th> <th>BitLing BitLing Image: State: I/M zip: Fax#: Fax#: Fax#: Fax#:</th> <th>PLEASE NOTE: Liability and Damages. Cardina analyses. All calms including those for negligen service. In no event shall Cardinal be liable for reguligen analyses or successors arising out of or related to analyses or successors arising out of or related to Relinquished BY: Relinquished BY: Delivered By: (Circle One) Sampler - UPS - Bus - Other:</th> <th>Lab I.D. Hzz Sz 80 11 12</th> <th>Sampler Name:</th> <th>Project Location:</th> <th>Project Name: Apache</th> <th>Project #:</th> <th>Phone #:</th> <th>City:</th> <th>Address:</th> <th>Project Manager:</th> <th>Company Name:</th> <th>10</th>	If East Marland, Hobbs, NM 80240 (576) 393-2376 BLL 100 State: N/M Fax #: Project Owner: Fax #: Project Owner: Sample I.D. Sample I.D. Bland Marland, Hobbs, NM 80240 W17 Tri-SHCM TUCKEY Project Owner: City: Project Owner: State: None #: Project Owner: Sample I.D. Sample I.D. On A: W17 W17 Base and the second state of the second stat	BitLing BitLing Image: State: I/M zip: Fax#: Fax#:	PLEASE NOTE: Liability and Damages. Cardina analyses. All calms including those for negligen service. In no event shall Cardinal be liable for reguligen analyses or successors arising out of or related to analyses or successors arising out of or related to Relinquished BY: Relinquished BY: Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Lab I.D. Hzz Sz 80 11 12	Sampler Name:	Project Location:	Project Name: Apache	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:	10
NMI 88240 5) 393-2476 P.O. #: BILL TO 9) 993-2476 P.O. #: 9: 0.1 Company: 4tm: Address: 9: 0.1 City: 9: 0.1 GIRAB OR (C)OMP. 9: 0.1 MATRIX 9: 0.1 Phone #: 9: 0.1 GIROUNDWATER 9: 0.1 GIROUNDWATER 9: 0.1 GROUNDWATER 9: 0.1 GR	MM BILL TO [9] 393-2476 P.O. #: Company: Company: Attn: Processing Procesing Processing Processing Processing Proces	ANALY	Damages. Cardinal's lability and client's erclu timose for neigigence and any other crusts with deal bisible for inconceptantial of out of or reliand to the performance of servic out of or reliand to the performance of servic Date Tim Tim Bats - Chner Sus - Other: Correcte	Sample I.D. W)7 W21	101	PW P	pache	Proje	Fax #	Stat			IX Sail	01 East Marland, Hobbs, (575) 393-2326 FAX (57)
BILL TO P.O. #: Company: Adtn: Address: City: State: Phone #: Fax #: Fax #: ICE / COOL OTHER: ICE / COOL ICE / COOL ICE / COOL ILL BASE: ICE / COOL ILL BASE: ICE / COOL ILL BASE: ILL BASE: <t< td=""><td>BILL TO P.O. #: Company: Attn:: Attn:: Attn:: State:: Zip: Phone #: Fax #: Fax #: Fax #: Fax #: Fax #: COTHER: III/8/12 III/8/13 IIIII/8/13 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>ANALY ANALY ANALY</td><td>asive remedy for any claim arising whether based in contra associent studing the determed mailword unless made to the method ananges, including through imaging analysis, including the determed mail associent studing the determined in the method as hereinder by Cardinal, regardless of whether such d e: [11/9/17] Received BV: e: Received BV: e: Received BV: e: C. 1. Sample Con- d Temp. °C 1. Sample Con- cool mitag</td><td># CONTAINERS GROUNDWATER WASTEWATER</td><td></td><td></td><td></td><td>ect Owner:</td><td>**</td><td>te: NM Zip:</td><td></td><td></td><td></td><td>NM 88240 5) 393-2476</td></t<>	BILL TO P.O. #: Company: Attn:: Attn:: Attn:: State:: Zip: Phone #: Fax #: Fax #: Fax #: Fax #: Fax #: COTHER: III/8/12 III/8/13 IIIII/8/13 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	ANALY	asive remedy for any claim arising whether based in contra associent studing the determed mailword unless made to the method ananges, including through imaging analysis, including the determed mail associent studing the determined in the method as hereinder by Cardinal, regardless of whether such d e: [11/9/17] Received BV: e: Received BV: e: Received BV: e: C. 1. Sample Con- d Temp. °C 1. Sample Con- cool mitag	# CONTAINERS GROUNDWATER WASTEWATER				ect Owner:	**	te: NM Zip:				NM 88240 5) 393-2476
	TIME Chloride Tecompletion of the applicable cleric, its subsidiaries, recompletion of the applicable cleric	ANALY	Indition CHECKED BY:	OTHER : ACID/BASE: ICE / COOL OTHER :	PRESERV.	Phone #:		City:	Address:	Attn:	Company:	P.O. #:		

Page 49 of 283



November 16, 2022

STAN MICKLE RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: APACHE - EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 11/11/22 10:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: W 1 (H225360-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/15/2022	ND	2.08	104	2.00	2.20	
Toluene*	<0.050	0.050	11/15/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.03	102	2.00	2.51	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.13	102	6.00	2.29	
Total BTEX	<0.300	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/14/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	198	99.0	200	3.10	
DRO >C10-C28*	101	10.0	11/15/2022	ND	188	94.2	200	3.32	
EXT DRO >C28-C36	12.6	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	81.6	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	96.5	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



RX-SOIL	INC.
STAN MI	CKLE
201 MAI	N STREET, SUITE 1360
FORT W	ORTH TX, 76102
Fax To:	NA

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: W 2 (H225360-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/15/2022	ND	2.08	104	2.00	2.20	
Toluene*	<0.050	0.050	11/15/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	0.086	0.050	11/15/2022	ND	2.03	102	2.00	2.51	
Total Xylenes*	0.217	0.150	11/15/2022	ND	6.13	102	6.00	2.29	
Total BTEX	0.303	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	11/14/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	198	99.0	200	3.10	
DRO >C10-C28*	381	10.0	11/15/2022	ND	188	94.2	200	3.32	
EXT DRO >C28-C36	65.8	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	82.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	RX-SOIL INC.
	STAN MICKLE
	201 MAIN STREET, SUITE 1360
	FORT WORTH TX, 76102
	Fax To: NA
11/11/2022	Sampling Date:

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: W 4 (H225360-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/15/2022	ND	2.08	104	2.00	2.20	
Toluene*	<0.050	0.050	11/15/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.03	102	2.00	2.51	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.13	102	6.00	2.29	
Total BTEX	<0.300	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/14/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	198	99.0	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	188	94.2	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	64.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	70.5	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NC.	
KLE	
STREET, SUITE 1360	
RTH TX, 76102	
NA	
	KLE STREET, SUITE 1360 RTH TX, 76102

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: W 5 (H225360-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/15/2022	ND	2.08	104	2.00	2.20	
Toluene*	<0.050	0.050	11/15/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.03	102	2.00	2.51	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.13	102	6.00	2.29	
Total BTEX	<0.300	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	11/14/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	198	99.0	200	3.10	
DRO >C10-C28*	69.2	10.0	11/15/2022	ND	188	94.2	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	82.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.2	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	RX-SOIL INC.
	STAN MICKLE
	201 MAIN STREET, SUITE 1360
	FORT WORTH TX, 76102
	Fax To: NA
11/11/2022	Sampling Date:

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: W 6 (H225360-05)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/15/2022	ND	2.08	104	2.00	2.20	
Toluene*	<0.050	0.050	11/15/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.03	102	2.00	2.51	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.13	102	6.00	2.29	
Total BTEX	<0.300	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/14/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	198	99.0	200	3.10	
DRO >C10-C28*	451	10.0	11/15/2022	ND	188	94.2	200	3.32	
EXT DRO >C28-C36	81.3	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: W 7 (H225360-06)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/15/2022	ND	2.08	104	2.00	2.20	
Toluene*	<0.050	0.050	11/15/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.03	102	2.00	2.51	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.13	102	6.00	2.29	
Total BTEX	<0.300	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/14/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	198	99.0	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	188	94.2	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	88.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.0	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE 1360	
	FORT WORTH TX, 76102 Fax To: NA	
11/11/2022	Fax TU. IVA	

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: W 9 (H225360-07)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/15/2022	ND	2.08	104	2.00	2.20	
Toluene*	<0.050	0.050	11/15/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.03	102	2.00	2.51	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.13	102	6.00	2.29	
Total BTEX	<0.300	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	11/14/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	198	99.0	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	188	94.2	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.6	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



	STAI 201	SOIL INC. N MICKLE MAIN STREET, SUITE 1 T WORTH TX, 76102	1360	
	Fax	To: NA		
Received:	11/11/2022		Sampling Date:	11/10/2022
Reported:	11/16/2022		Sampling Type:	Soil
Project Name:	APACHE - EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: W 11 (H225360-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/15/2022	ND	2.08	104	2.00	2.20	
Toluene*	<0.050	0.050	11/15/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.03	102	2.00	2.51	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.13	102	6.00	2.29	
Total BTEX	<0.300	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/14/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	198	99.0	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	188	94.2	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	86.4 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.0 \$	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



	STAI 201	SOIL INC. N MICKLE MAIN STREET, SUITE 1 T WORTH TX, 76102	1360	
	Fax	To: NA		
Received:	11/11/2022		Sampling Date:	11/10/2022
Reported:	11/16/2022		Sampling Type:	Soil
Project Name:	APACHE - EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: W 12 (H225360-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/15/2022	ND	2.08	104	2.00	2.20	
Toluene*	<0.050	0.050	11/15/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.03	102	2.00	2.51	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.13	102	6.00	2.29	
Total BTEX	<0.300	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/14/2022	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	11/15/2022	ND	198	99.0	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	188	94.2	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	75.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.5	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



	STAN 201 N	DIL INC. MICKLE IAIN STREET, SUITE 1360 WORTH TX, 76102	
	Fax T	o: NA	
Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: W 14 (H225360-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/15/2022	ND	2.08	104	2.00	2.20	
Toluene*	<0.050	0.050	11/15/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.03	102	2.00	2.51	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.13	102	6.00	2.29	
Total BTEX	<0.300	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/14/2022	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	11/15/2022	ND	198	99.0	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	188	94.2	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	87.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.6	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



			-	1360		
		Fax To:	NA			
Received:	11/11/2022			Sampling Date:	1	1/10/2022
Reported:	11/16/2022			Sampling Type:	9	Soil
Project Name:	APACHE - EAU M9			Sampling Condition:	(Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	٦	amara Oldaker
Project Location:	ARTESIA, NM					

Sample ID: SW 3 (H225360-11)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/15/2022	ND	2.08	104	2.00	2.20	
Toluene*	<0.050	0.050	11/15/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.03	102	2.00	2.51	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.13	102	6.00	2.29	
Total BTEX	<0.300	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/14/2022	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	11/15/2022	ND	198	99.0	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	188	94.2	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	79.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.8	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STAI 201	SOIL INC. N MICKLE MAIN STREET, SUITE 1 T WORTH TX, 76102	1360	
	Fax	To: NA		
Received:	11/11/2022		Sampling Date:	11/10/2022
Reported:	11/16/2022		Sampling Type:	Soil
Project Name:	APACHE - EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: W 11 - 6 (H225360-12)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/15/2022	ND	2.08	104	2.00	2.20	
Toluene*	<0.050	0.050	11/15/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.03	102	2.00	2.51	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.13	102	6.00	2.29	
Total BTEX	<0.300	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/14/2022	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	11/15/2022	ND	198	99.0	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	188	94.2	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	76.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.3	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

pany Name: act Manager ess:	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 (人文ら)レ : くすっへ べ; しにしゃ	88240 33-2476	P.O. # Company:		ANALYSIS REQUEST
	200	State: Zip: Fax #: Project Owner: Apatha	Company: Attn: Address: City:		
Project Name: Project Location: Sampler Name:	Triston Turky		State: Zip: Phone #: Fax #:	c	
FOR LAB USE ONLY		S ER	PRESERV. SAMPLING	tex	
Lab I.D. HZZSZKO	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	A	Rte (hio	
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PLEASE NOTE: Linbing and Dam analyses. All claims including those service. In no event shall Cavalinal infiliales of successors aviaing rate infiliales of successors aviaing rate infiliales of successors aviaing rate Reliming the body Bar	PLEASE NOTE: Linbility and Damagos, Candinah's liability and clicut's exclusive remedy for any daim arising whether based is contract or tort, shall be limited to the amount paid by the client for the nonolyses. All claims including those for ingliquence and any other cause whatsoower shall be demode wated unless made in contract or tort, shall be limited to the amount paid by the client for the nervice. In no overst shall Cautinut to listide for incluonal or consequential damages, including without limitation, business intemptions, loss of use, or loss of profile neuror by client, its subdictione, Iffiliate or successors arising cut of or included to the portormatice of sources horizontary without limitation, business intemptions, loss of use, or loss of profile neuror by client, its subdictione, Refinence is accessors arising cut of or included to the portormatice of sources horizontary of the source of the above stated reasoner. Its subdictione, Refinence is the source of the above stated reasoner are subdictioned.	w remedy for any daim arising whether based is contract or to cover shall be deemed wahed unless made in writing and to apper, including without limitation, business interruptions, loss is persunder by Carulhal, regardless of whether such claim is be thereunder by Carulhal, regardless of whether such claim is be	Viet, shall be limited to the amount paid by the client for a convert by Cardinal within 30 days after competition of the so cleaved by Cardinal within 30 days after competition of the so for as of profile incurred by client, its subsidiary and profile incurred by client. Its subsidiary to a so the sober stated traceous or showing the sobe	P P P P P P P P P P P P P P P P P P P	
Ly M U	time: 025	Received By:	Mal by	Verbal Result: Yes No Add'I Phone #: All Results are emailed. Please provide Email address: REMARKS:	Add'l Phone #: vide Email address:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	- Other: Corrected Temp. °C	1 CN	CHECKED BY: (Initials)	Turnaround Time: Standard	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C

Received by OCD: 5/16/2023 3:42:39 PM

Page 64 of 283

2

By: (Circle One) UPS - Bus - Other:	Ashed By:	Cohins Including these for negligence and any other cause whatsower shall be do word shall Cauthrul bo Itakio for incidental or consequential damages, heliding w consect arising out of a related to the performance of services hereunder by Car		12 WII-6	Contration of the	II III	10 W 11	12253 60	b I.D. Sample I.D.	AB USE ONLY	pler Name: Triston	et Location: Artetin	t Name: EAU M	xct #:	No #-	ess:	oct Manager: Show	D	Pag 101 East Marlanc (575) 393-2326
Time: Observed Temp.°C Corrected Temp.°C	Time: 25	hor cause whatsoever shall be c resequential damages, including mcb of services hereunder by C	f clion!'s avelasion manado for a	0		~¢			e I.D.		TVILEN	~ AN	4	Project Owner	State:		Mickle		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
3.6 Sample Condition Cool_Intact A Yes A Yes	Received By:	very no many veen anany weener based is contract or to shall be deemed weived unless made in writing and or including without limitation, business interruptions, loss inder by Cardinal, regardless of whether such claim is bit						# CO	AB OR (C)OI NTAINERS JNDWATER TEWATER GE				- Forth		Zip:				8240 2476
on CHECKED BY:	July 1	In criticity, share be immed to the amount paid by the elicat for the to received by Cardinal within 20 days after completion of the close of use, or lose of profits incurred by client, its subsidiaries to based upon any of the elacve stated response or otherwise.	4						R : BASE: COOL	PRESERV. SI	Fax #:	#	State: 7in:	Address:	Attn:	Company:	P.O. #:	BILL T	
Turnaround Time: Thermometer ID #113 Correction Factor -0.5°C	All Results are emailed.	aid by the client for the fler completion of the applicable y client, its subsidiaries, reasons or otherwise.	V A V			3	1 1 1 1 1 1 1 1 1 1	TIME	BB	SAMPLING								70	
Standard I	S I No Please prov		ŧ				-+		T	PH	96		_					AN	
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	Add'l Phone #: ide Email address:																	ANALYSIS REQUEST	



November 18, 2022

STAN MICKLE RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: APACHE - EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 11/15/22 14:28.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



NONE GIVEN

ARTESIA, NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

		-	1360	
Received:	11/15/2022		Sampling Date:	11/15/2022
Reported:	11/18/2022		Sampling Type:	Soil
Project Name:	APACHE - EAU M9		Sampling Condition:	Cool & Intact

Sample ID: W 8 (H225396-01)

Project Number:

Project Location:

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99	
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/16/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	209	105	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	207	103	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	90.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	46.3-17	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



			-	1360	
		Fax To:	NA		
Received:	11/15/2022			Sampling Date:	11/15/2022
Reported:	11/18/2022			Sampling Type:	Soil
Project Name:	APACHE - EAU M9			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM				

Sample ID: W 9-B (H225396-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99	
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/16/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	209	105	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	207	103	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	77.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.3	% 46.3-17	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



			-	1360	
		Fax To:	NA		
Received:	11/15/2022			Sampling Date:	11/15/2022
Reported:	11/18/2022			Sampling Type:	Soil
Project Name:	APACHE - EAU M9			Sampling Condition:	Cool & Intact
Project Number: Project Location:	NONE GIVEN ARTESIA, NM			Sample Received By:	Tamara Oldaker

Sample ID: W 10 (H225396-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99	
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/16/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	zed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	209	105	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	207	103	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	79.7	45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.0	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



			-	1360	
		Fax To:	NA		
Received:	11/15/2022			Sampling Date:	11/15/2022
Reported:	11/18/2022			Sampling Type:	Soil
Project Name:	APACHE - EAU M9			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM				

Sample ID: W 13 (H225396-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99	
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/16/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	209	105	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	207	103	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	90.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STAN 201 M	SOIL INC. N MICKLE MAIN STREET, SUITE 1 T WORTH TX, 76102	360	
	Fax 1	To: NA		
Received:	11/15/2022		Sampling Date:	11/15/2022
Reported:	11/18/2022		Sampling Type:	Soil
Project Name:	APACHE - EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: W 15-B (H225396-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99	
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/16/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	209	105	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	207	103	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	87.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.5	% 46.3-17	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



			-	1360	
		Fax To:	NA		
Received:	11/15/2022			Sampling Date:	11/15/2022
Reported:	11/18/2022			Sampling Type:	Soil
Project Name:	APACHE - EAU M9			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM				

Sample ID: W 16 (H225396-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99	
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/16/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	209	105	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	207	103	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	85.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.6	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 5/16/2023 3:42:39 PM

101 East Martand, Hobbs, NM 8820 (679 393-2226 FAX (575) 393-2476 Company Name: RX Sale: TX Sale:
BILL TO P.O. #: Company: Acclu Corp Attn: Larry Bally Address: City: State: Zip: Phone #: Fax #: ITRX PRESERV Sampling OIL SLUDGE ITRX PRESERV Sampling OTHER: Introduction OTHER: DATE Introduction OTHER: DATE Introduction OTHER: Interview Interview <

Page 74 of 283

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November 22, 2022

STAN MICKLE RX-SOIL INC. 201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 11/17/22 8:38.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Whe Singh

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



		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE FORT WORTH TX, 76102		
		Fax To: NA		
Received:	11/17/2022		Sampling Date:	11/16/2022
Reported:	11/22/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	ARTESIA, NM		Sample Received By:	Shalyn Rodriguez
Project Location:	ARTESIA, NM			

Sample ID: B 40 (H225432-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2022	ND	1.95	97.6	2.00	13.4	
Toluene*	<0.050	0.050	11/19/2022	ND	2.01	101	2.00	14.8	
Ethylbenzene*	<0.050	0.050	11/19/2022	ND	2.00	100	2.00	13.4	
Total Xylenes*	<0.150	0.150	11/19/2022	ND	6.23	104	6.00	14.3	
Total BTEX	<0.300	0.300	11/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/17/2022	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	11/17/2022	ND	244	122	200	0.765	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	232	116	200	0.309	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	78.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.7	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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



		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE FORT WORTH TX, 76102	1360	
		Fax To: NA		
Received:	11/17/2022		Sampling Date:	11/16/2022
Reported:	11/22/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	ARTESIA, NM		Sample Received By:	Shalyn Rodriguez
Project Location:	ARTESIA, NM			

Sample ID: B 39 (H225432-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2022	ND	1.95	97.6	2.00	13.4	
Toluene*	<0.050	0.050	11/19/2022	ND	2.01	101	2.00	14.8	
Ethylbenzene*	<0.050	0.050	11/19/2022	ND	2.00	100	2.00	13.4	
Total Xylenes*	<0.150	0.150	11/19/2022	ND	6.23	104	6.00	14.3	
Total BTEX	<0.300	0.300	11/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	11/17/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	244	122	200	0.765	
DRO >C10-C28*	28.8	10.0	11/17/2022	ND	232	116	200	0.309	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	82.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.7	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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



		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE FORT WORTH TX, 76102	1360	
		Fax To: NA		
Received:	11/17/2022		Sampling Date:	11/16/2022
Reported:	11/22/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	ARTESIA, NM		Sample Received By:	Shalyn Rodriguez
Project Location:	ARTESIA, NM			

Sample ID: B 38 (H225432-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2022	ND	1.95	97.6	2.00	13.4	
Toluene*	<0.050	0.050	11/19/2022	ND	2.01	101	2.00	14.8	
Ethylbenzene*	<0.050	0.050	11/19/2022	ND	2.00	100	2.00	13.4	
Total Xylenes*	<0.150	0.150	11/19/2022	ND	6.23	104	6.00	14.3	
Total BTEX	<0.300	0.300	11/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/17/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	244	122	200	0.765	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	232	116	200	0.309	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	87.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.3	% 46.3-17	8						

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



		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE FORT WORTH TX, 76102	1360	
		Fax To: NA		
Received:	11/17/2022		Sampling Date:	11/16/2022
Reported:	11/22/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	ARTESIA, NM		Sample Received By:	Shalyn Rodriguez
Project Location:	ARTESIA, NM			

Sample ID: B 32 (H225432-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2022	ND	1.95	97.6	2.00	13.4	
Toluene*	<0.050	0.050	11/19/2022	ND	2.01	101	2.00	14.8	
Ethylbenzene*	<0.050	0.050	11/19/2022	ND	2.00	100	2.00	13.4	
Total Xylenes*	<0.150	0.150	11/19/2022	ND	6.23	104	6.00	14.3	
Total BTEX	<0.300	0.300	11/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 69.9-14	0						
Chloride, SM4500Cl-B		/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	11/17/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	244	122	200	0.765	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	232	116	200	0.309	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	74.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	74.6	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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



		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE FORT WORTH TX, 76102		
		Fax To: NA		
Received:	11/17/2022		Sampling Date:	11/16/2022
Reported:	11/22/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	ARTESIA, NM		Sample Received By:	Shalyn Rodriguez
Project Location:	ARTESIA, NM			

Sample ID: B 33 (H225432-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	11/17/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	244	122	200	0.765	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	232	116	200	0.309	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	73.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	74.3	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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



		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE FORT WORTH TX, 76102		
		Fax To: NA		
Received:	11/17/2022		Sampling Date:	11/16/2022
Reported:	11/22/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	ARTESIA, NM		Sample Received By:	Shalyn Rodriguez
Project Location:	ARTESIA, NM			

Sample ID: B 34 (H225432-06)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	11/17/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	244	122	200	0.765	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	232	116	200	0.309	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	85.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.0	% 46.3-17	8						

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



		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE FORT WORTH TX, 76102		
		Fax To: NA		
Received:	11/17/2022		Sampling Date:	11/16/2022
Reported:	11/22/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	ARTESIA, NM		Sample Received By:	Shalyn Rodriguez
Project Location:	ARTESIA, NM			

Sample ID: B 30 (H225432-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	11/17/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	244	122	200	0.765	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	232	116	200	0.309	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	79.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.1	% 46.3-17	8						

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



		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE FORT WORTH TX, 76102	1360	
		Fax To: NA		
Received:	11/17/2022		Sampling Date:	11/16/2022
Reported:	11/22/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	ARTESIA, NM		Sample Received By:	Shalyn Rodriguez
Project Location:	ARTESIA, NM			

Sample ID: B 18 (H225432-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	11/17/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	244	122	200	0.765	
DRO >C10-C28*	72.6	10.0	11/17/2022	ND	232	116	200	0.309	
EXT DRO >C28-C36	11.8	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	87.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.4	% 46.3-17	8						

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Mite Sugar

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



Notes and Definitions

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 SM4500CI-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

whe Sigh

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

Received by OCD: 5/16/2023 3:42:39 PM

Company Name:	RYSOLL,		BILL TO		ANALYSIS REQUEST
Project Manager: Address:	Stan Nick	Zip:	P.O. #: Company: APPCM	er Vx (orr	
Phone #: Project #:	Fax #: Project Ow	Project Owner: A P Prot	SS		
Project Name:	TAN IN Y	MM	State: Zip: Phone #:	e	
Sampler Name:	Varian Carl	6		×	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	e.e	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	C BT	
to course	1340 1330		11/16	13.33 X X X	
or er	23				
276	B 18				
				W W W W	
LEASE NOTE: Liability and Du malyses. All claims including the	PLEASE NOTE: Liability and Dwangers. Candenait's liability and cliosit's exclusive remedy for any other hased in contrast or locit, shall be limited to the amount ped any use cancer or analyzed. All claims including allows the weighproce and any other cancer shall be doesned waived unless made in wring and received by Candenia within 30 advys after completions of the applicabil analyzed. All claims including literies is wrighproce and any other cancer shall be doesned waived unless made in wring and received by Candenia within 30 advys after completions of the applicabil analyzed. All claims including literies is wrighproce and any other cancer shall be doesned waived unless made in wring and received by Candenia within 30 advys after completions of the applicabil analyzed. All claims including literies is including the shall be advected waived unless interruptions, loss of use, or loss of profile incurred by client, it is advected as a shall be advected by Candenia and Candenia and the applicability of the cancer of the applicability of the shall be advected by the complete and the applicability of the shall be advected by client. It is advected by client, it is advected by client, it is advected by client and the shall be advected by client and by client and by client and the shall be advected by client.	ly for any claim arising whether based in contra sall be doemed waived unless made in writing s cluding without limitation, business interruption	act or tort, shall be limited to the amount pair and received by Cardinal within 30 days after is, loss of use, or loss of profits incurred by ci	r completion of the applicable iront, its subsidiaries,	
affianes or successors arising or Relinquished By:	ets surving out of an objective to performance of services herounder by ed By:	nde by Cardinal, regardless of whether such cardinal, regardless of whether such cardinal and the second se	Minne or A	Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address:	Add'l Phone #: vide Email address:
Rélinquished By:	Date: VO	Received By:	đ	REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Ott	le One) Observed Temp.°C 0.52	Sample Condition	dition CHECKED BY:	Turnaround Time: Standard	Bacteria (only) Sample Condition



November 22, 2022

STAN MICKLE RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: M 9

Enclosed are the results of analyses for samples received by the laboratory on 11/18/22 8:35.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Whe Singh

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



		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITI FORT WORTH TX, 76102		
		Fax To: NA		
Received:	11/18/2022		Sampling Date:	11/17/2022
Reported:	11/22/2022		Sampling Type:	Soil
Project Name:	M 9		Sampling Condition:	Cool & Intact
Project Number:	ARTESIA, NM		Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM			

Sample ID: B 12 (H225451-01)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/18/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	207	103	200	1.24	
DRO >C10-C28*	16.5	10.0	11/18/2022	ND	196	98.1	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					
Surrogate: 1-Chlorooctane	98.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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



		RX-SOIL INC. STAN MICKLE 201 MAIN ST FORT WORTH	E REET, SUITE 13	60	
			NA		
Received:	11/18/2022			Sampling Date:	11/17/2022
Reported:	11/22/2022			Sampling Type:	Soil
Project Name:	M 9			Sampling Condition:	Cool & Intact
Project Number:	ARTESIA, NM			Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM				

Sample ID: B 13 (H225451-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	11/18/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	207	103	200	1.24	
DRO >C10-C28*	126	10.0	11/18/2022	ND	196	98.1	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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



		RX-SOIL INC. STAN MICKLE 201 MAIN ST FORT WORTH	E REET, SUITE 13	60	
			NA		
Received:	11/18/2022			Sampling Date:	11/17/2022
Reported:	11/22/2022			Sampling Type:	Soil
Project Name:	M 9			Sampling Condition:	Cool & Intact
Project Number:	ARTESIA, NM			Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM				

Sample ID: B 35 (H225451-03)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	11/18/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	207	103	200	1.24	
DRO >C10-C28*	57.5	10.0	11/18/2022	ND	196	98.1	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					
Surrogate: 1-Chlorooctane	101	45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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



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

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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

Received by OCD: 5/16/2023 3:42:39 PM

PLEASE NOTE: Liability and Damages. Cr ananyses. All claims including those for reg asseder. In no event chail Cautinut by liable attitudes or ancoexed chail Cautinut by attitudes or ancoexed chail attitudes or ancoexed chail attitudes or ancoexed chail attitudes of a coexe Relinquished By: Relinquished By: Circle One) Sampler - UPS - Bus - Ott	Lab I.D. 4225451 4225451 812 2 600 3 836	Project Manager: Moved Address: [05 W Ma City: Duca. by Phone #: Project #: Project Name: M9 Project Location: Art stig Sampler Name: 1/2 I/J	101 Ea (575) Company Name:
Preset Fort: Lobally and Davager. Confacts' labally and deat's periade emergy for any data sing wheth: Lobally deated and the second of the second and the second of the second and the s	Sample I.D. പ്രാ	Moverick Mickle W Main St. State: TX Fax #: Artsia, Win ethy	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 : アメ らう
re any dain arising whether b ding when d waked whether b ding when d waked whether b by Cardinal, regardless of whether by Cardinal, regardless of whether	GROUNDWATER		.8240 .2476
By: By: By: By: By: By: By: By:	OIL OIL SLUDGE OTHER :	P.C Co Adt Cit Sta Fa	
arising wasther based is contract or tort, shall be limited in the amount pad by the client for the wasted unlease made in writing and received by Cardinal within 20 days lister, can jetted on the the amount pad by the client for the wasted unlease made in writing and received by Cardinal within 20 days lister, can jetted on the above attact response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response or otherwise, regardless of whether such claim is based upon any of the above stated response o	ACID/BASE: ICE / COOL OTHER : IL-17-22 IL-17-22	any: Apache for y bat ss: zip: #:	BILL TO
Paid by the client for the alter completion of the applicable by client, its substations, d reasons or otherwise. All Results are emailed. REMARKS: CMALL IVX CHONENT IVA CHON	TIME TIME BIEX	(ar)	
• • • • • • • • • • • • • • • • • • •	TPH TRAX Chloride		
Add"I F			ANALYSIS REQ
hone #: Il address: Scol Intect Observed Temp. °C			REQUEST

Page 91 of 283

8



November 23, 2022

STAN MICKLE RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: APACHE - EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 11/18/22 15:35.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Whe Singh

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



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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	ARTESIA, NM		

Sample ID: B 41 (H225468-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.79	89.7	2.00	10.2	
Toluene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	11.0	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.60	93.4	6.00	11.3	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	208	104	200	0.121	
DRO >C10-C28*	35.6	10.0	11/22/2022	ND	213	106	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	91.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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



NONE GIVEN

ARTESIA, NM

Shalyn Rodriguez

Sample Received By:

Analytical Results For:

	RX-SOIL INC. STAN MICKLE 201 MAIN STREE FORT WORTH TX Fax To: NA	,	
11/18/2022		Sampling Date:	11/18/2022
11/23/2022		Sampling Type:	Soil
APACHE - EAU	J M9	Sampling Condition:	** (See Notes)

Sample ID: B 42 (H225468-02)

Received:

Reported:

Project Name:

Project Number: Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.79	89.7	2.00	10.2	
Toluene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	11.0	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.60	93.4	6.00	11.3	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	208	104	200	0.121	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	213	106	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	101 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	46.3-17	8						

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Mite Sugar

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



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

Cardinal Laboratories

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Mite Sugar

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

101 East Marland, Hobbs, NM 88240 aboratories

(5	(575) 393-2326 FAX (575) 393-2476	93-2476			
Company Name:	RX Soil		BILL TO	AN	ANALYSIS REQUEST
Project Manager:	Stan Mickle				
Address: 10 S	Main St.		Company:		
city: Decatur	State:	2ip: 76234	Attn:		
Phone #:	Fax #:		Address:		
Project #:	Project Owner:	er: Apache	City:		
Project Name: M9			State: Zip:		
Project Location: Artesia	rtesia, NM		#		
Sampler Name: /	2.		Fax #:		
1	101			L	
FOR LAB USE ONLY			PRESERV. SAM	Jes	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	Chlorid TPH B Tex	
	841	×	1		
-(Q	84 2	×	11-18-22		
PLEASE NOTE: Liability and Dama analyses. All claims including those service. In no event shall Cardinal b	PLEASE NOTE: Liability and Darmages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in witting and received by Cardinal wittin 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profils incurred by client, its subaidiaries,	any claim arising whether based in contract or e deemed waived unless made in writing and ng without limitation, business interruptions, k	or tort, shall be limited to the amount pai received by Cardinal within 30 days after oss of use, or loss of profils incurred by o	d by the client for the r completion of the applicable lient, its subadiaries,	
Relinquished-By:	Relinquished By: Time: 3:35 Child On Way of the book and the book an	Received By:	I I I OMMAN	ult:	Add'I Phone #: ide Email address:
Relinquished By:	Date: Time:	Received By:	0	REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	- Other: Corrected Temp. °C 5. 1°	Sile Sample Condition	on CHECKED BY:	Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor -0.5°C	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
		L		A statistic lister - ata	LINC LINO COFFECTED LEMP. "C

Received by OCD: 5/16/2023 3:42:39 PM

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

Nc No Corrected Temp. °C

Page 96 of 283

ARDINA

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



November 29, 2022

STAN MICKLE RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: APACHE - EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 11/22/22 8:03.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B14 (H225489-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.00	100	2.00	10.0	
Toluene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	9.72	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.10	105	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.40	107	6.00	10.6	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	2.23	
DRO >C10-C28*	59.9	10.0	11/23/2022	ND	211	106	200	5.64	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NONE GIVEN

ARTESIA, NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

	-		
11/22/2022		Sampling Date:	11/21/2022
11/29/2022		Sampling Type:	Soil
APACHE - EAU M9		Sampling Condition:	Cool & Intact

Sample ID: B15 (H225489-02)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.00	100	2.00	10.0	
Toluene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	9.72	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.10	105	2.00	10.5	GC-NC
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.40	107	6.00	10.6	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	201	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	21.1	10.0	11/23/2022	ND	208	104	200	2.23	
DRO >C10-C28*	1410	10.0	11/23/2022	ND	211	106	200	5.64	
EXT DRO >C28-C36	236	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	123	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	209	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



INC.
CKLE
I STREET, SUITE 1360
RTH TX, 76102
NA

Received:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B22 (H225489-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.00	100	2.00	10.0	
Toluene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	9.72	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.10	105	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.40	107	6.00	10.6	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	211	106	200	5.64	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	88.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



RX-SOIL INC		
STAN MICKL	E	
201 MAIN S	TREET, SUITE :	1360
FORT WORT	Н TX, 76102	
Fax To:	NA	

Received:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B23 (H225489-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.00	100	2.00	10.0	
Toluene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	9.72	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.10	105	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.40	107	6.00	10.6	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	211	106	200	5.64	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	96.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	RX-SOIL INC.
	STAN MICKLE
	201 MAIN STREET, SUITE 1360
	FORT WORTH TX, 76102
	Fax To: NA
11/22/2022	Sampling Date:

Received:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B28 (H225489-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.00	100	2.00	10.0	
Toluene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	9.72	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.10	105	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.40	107	6.00	10.6	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	211	106	200	5.64	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	92.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	RX-SOIL INC.	
	STAN MICKLE	
	201 MAIN STREET, SUITE 1360	
	FORT WORTH TX, 76102	
	Fax To: NA	
11/22/2022	Sampling Date:	

Received:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B29 (H225489-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.00	100	2.00	10.0	
Toluene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	9.72	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.10	105	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.40	107	6.00	10.6	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	2.23	
DRO >C10-C28*	20.0	10.0	11/23/2022	ND	211	106	200	5.64	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	115 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	131 9	46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NONE GIVEN

ARTESIA, NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

	-		
11/22/2022		Sampling Date:	11/21/2022
11/29/2022		Sampling Type:	Soil
APACHE - EAU M9		Sampling Condition:	Cool & Intact

Sample ID: B31 (H225489-07)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.00	100	2.00	10.0	
Toluene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	9.72	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.10	105	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.40	107	6.00	10.6	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	211	106	200	5.64	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	80.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.0	% 46.3-17	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	RX-SOIL INC.
	STAN MICKLE
	201 MAIN STREET, SUITE 1360
	FORT WORTH TX, 76102
	Fax To: NA
11/22/2022	Sampling Date:
11/20/2022	Compliant Trans

Received:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B36 (H225489-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.00	100	2.00	10.0	
Toluene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	9.72	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.10	105	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.40	107	6.00	10.6	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	211	106	200	5.64	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	100 \$	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



RX-SOIL I	INC.
STAN MIC	CKLE
201 MAIN	STREET, SUITE 1360
FORT WO	RTH TX, 76102
Fax To:	NA

Received:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B37 (H225489-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.00	100	2.00	10.0	
Toluene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	9.72	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.10	105	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.40	107	6.00	10.6	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	211	106	200	5.64	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	104 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



ARTESIA, NM

Tamara Oldaker

Analytical Results For:

	STAN 201 M	IL INC. MICKLE AIN STREET, SUITE 1360 WORTH TX, 76102 :: NA	
Received:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldake

Sample ID: B43 (H225489-10)

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.00	100	2.00	10.0	
Toluene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	9.72	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.10	105	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.40	107	6.00	10.6	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	211	106	200	5.64	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.5	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 5/16/2023 3:42:39 PM

101 East Marland, Hobbs, NM 88240 Interst Marland, Hobbs, NM 88240 Company Name: Q_{i} (S_{i}) 393-2326 FAX (575) 393-2476 Project Manager: M_{0}	Hobbs, NM 88240 AX (575) 393-2476 AX (575) 393-2476 State: TX State: TX Zip: Fax #: Project Owner: Hcan ID.	Hobbs, NM 88240 AX (575) 393-2476 AX (575) 393-2476 State: TX Zip: 76234 Fax #: Project Owner: 4/cn Matrix Phone #: Phone #: Fax #: Fax #: GROUNDWATER WASTEWATER OTHER: Soil OTHER: Soil OTHER: Soil OTHER: V OTHER: V OTHER: V
# CONTAINERS GROUNDWATER GROUNDWATER WASTEWATER WASTEWATER MATRIX OIL OIL SLUDGE OTHER: ACID/BASE: PRESERV VICE / COOL OTHER: ACID/BASE: PRESERV OTHER: III	BILL TO # CONTAINERS GROUNDWATER WASTEWATER WASTEWATER WASTEWATER WASTEWATER MATRIX PRESERV SoliL OIL SLUDGE OTHER: Actio/BASE: PRESERV SAMPLING VICE / COOL OTHER: NICE / COOL	Image: State: PRESERV. Image: State: Solid Image: State: State:
OTHER: Address: Acit/BASE: Acit/BASE: Phone #: Preserv. OTHER: Di Di	P.O. # Company: Apacht Cap Attn: Lacry Baller Address: Phone #: PRESERV. ACID/BASE: ACID/BASE: PRESERV. ACID/BASE: PRESERV. ACID/BASE: ACID/BASE: PRESERV. ACID/BASE: ACID/BASE: PRESERV. ACID/BASE: ACID/ACID	OTHER: BILL TO P.O. #: Company: Apach. Cop Attn: Lerry Brun. Address: Phone #: Phone #: Fax #:
		TOH TOH TOH TOH TOH TOH TOH TOH

Page 109 of 283



November 29, 2022

STAN MICKLE RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: APACHE - EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 11/23/22 10:06.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 1 (H225537-01)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	189	94.6	200	0.278	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	197	98.7	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	85.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.1	% 46.3-17	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE - EAU M9

NONE GIVEN

ARTESIA, NM

Sampling Condition:

Sample Received By:

Cool & Intact

Tamara Oldaker

Analytical Results For:

	-		
11/23/2022 11/29/2022		Sampling Date: Sampling Type:	11/22/2022 Soil

Sample	ID: B	2	(H225537-02))

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	189	94.6	200	0.278	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	197	98.7	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	75.5 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.9 9	% 46.3-17	0						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



RX-SOIL I	NC.
STAN MIC	KLE
201 MAIN	STREET, SUITE 1360
FORT WO	RTH TX, 76102
Fax To:	NA

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 7 (H225537-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	11/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	31.9	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SOIL INC	С.	
STAN MICKL	E	
201 MAIN S	TREET, SUITE 136	C
FORT WORT	TH TX, 76102	
Fax To:	NA	

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 8 (H225537-04)

BTEX 8021B	mg	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	104	45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX	SOIL INC	•		
ST	AN MICKL	E		
20	1 MAIN ST	REET, SUITE 1	.360	
FO	RT WORTI	H TX, 76102		
Fax	x To:	NA		

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 10 (H225537-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	11/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



R	X-SOIL INC.		
S	TAN MICKLE	<u>.</u>	
2	01 MAIN ST	REET, SUITE 1360)
F	ORT WORTH	HTX, 76102	
F	ax To: I	NA	

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 13 (H225537-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	11/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	90.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.0	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ARTESIA, NM

Analytical Results For:

		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE 1 FORT WORTH TX, 76102 Fax To: NA	360	
Received:	11/23/2022		Sampling Date:	11/22/2022
Reported:	11/29/2022		Sampling Type:	Soil
Project Name:	APACHE - EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker

Sample ID: B 16 (H225537-07)

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	89.4	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	16.2	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	84.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.4	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 17 (H225537-08)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	100	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	RX-SOIL INC.	
	STAN MICKLE	
	201 MAIN STREET, SUITE 1360	
	FORT WORTH TX, 76102	
	Fax To: NA	
12/2022	Campling Data	

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 19 (H225537-09)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.3	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



ARTESIA, NM

Analytical Results For:

		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102 Fax To: NA	
Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker

Sample ID: B 20 (H225537-10)

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	89.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.1	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



NONE GIVEN

ARTESIA, NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

	-	360	
11/23/2022		Sampling Date:	11/22/2022
11/29/2022		Sampling Type:	Soil
APACHE - EAU M9		Sampling Condition:	Cool & Intact

Sample ID: B 21 (H225537-11)

Received:

Reported: Project Name:

Project Number:

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	93.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.2	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



R	X-SOIL INC.		
S	TAN MICKLE	<u>.</u>	
2	01 MAIN ST	REET, SUITE 1360)
F	ORT WORTH	HTX, 76102	
F	ax To: I	NA	

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 24 (H225537-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.6	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



ARTESIA, NM

Analytical Results For:

		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102 Fax To: NA	
Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker

Sample ID: B 25 (H225537-13)

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	88.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.0	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



RX-SOIL	INC.
STAN M	ICKLE
201 MAI	N STREET, SUITE 1360
FORT W	ORTH TX, 76102
Fax To:	NA

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 26 (H225537-14)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	17.2	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	11.3	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.6	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



R	X-SOIL INC			
S	TAN MICKL	E		
20	01 MAIN ST	REET, SUITE 13	360	
F	ORT WORT	H TX, 76102		
Fa	ax To:	NA		

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 27 (H225537-15)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.94	97.0	2.00	3.03	
Toluene*	<0.050	0.050	11/24/2022	ND	2.03	102	2.00	2.93	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.04	102	2.00	3.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.26	104	6.00	2.95	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	11.7	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SOIL INC	
STAN MICKL	E
201 MAIN ST	FREET, SUITE 1360
FORT WORT	Н TX, 76102
Fax To:	NA

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 34 (H225537-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.86	92.8	2.00	5.09	
Toluene*	<0.050	0.050	11/28/2022	ND	2.09	105	2.00	3.97	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	1.93	96.3	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	5.79	96.5	6.00	6.33	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	106 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NONE GIVEN

ARTESIA, NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

		-	1360	
	11/23/2022		Sampling Date:	11/22/2022
	11/29/2022		Sampling Type:	Soil
:	APACHE - EAU M9		Sampling Condition:	Cool & Intact

Sample ID: B 39 (H225537-17)

Received:

Reported: Project Name:

Project Number:

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.86	92.8	2.00	5.09	
Toluene*	<0.050	0.050	11/28/2022	ND	2.09	105	2.00	3.97	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	1.93	96.3	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	5.79	96.5	6.00	6.33	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 44 (H225537-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.86	92.8	2.00	5.09	
Toluene*	<0.050	0.050	11/28/2022	ND	2.09	105	2.00	3.97	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	1.93	96.3	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	5.79	96.5	6.00	6.33	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	93.3	45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.8	46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Rک	X-SOIL INC	•	
ST	TAN MICKL	E	
20)1 MAIN ST	REET, SUITE 136	0
FC	ORT WORT	H TX, 76102	
Fa	ax To:	NA	

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 45 (H225537-19)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.86	92.8	2.00	5.09	
Toluene*	<0.050	0.050	11/28/2022	ND	2.09	105	2.00	3.97	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	1.93	96.3	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	5.79	96.5	6.00	6.33	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	12.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	101	45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



APACHE - EAU M9

NONE GIVEN

ARTESIA, NM

Cool & Intact

Tamara Oldaker

Sampling Condition:

Sample Received By:

Analytical Results For:

	-		
11/23/2022 11/29/2022		Sampling Date: Sampling Type:	11/22/2022 Soil

Sample ID: B 46 (H225537-20)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.86	92.8	2.00	5.09	
Toluene*	<0.050	0.050	11/28/2022	ND	2.09	105	2.00	3.97	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	1.93	96.3	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	5.79	96.5	6.00	6.33	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	20.8	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	97.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.8	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SOIL I	NC.
STAN MIC	CKLE
201 MAIN	STREET, SUITE 1360
FORT WO	RTH TX, 76102
Fax To:	NA

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 47 (H225537-21)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.86	92.8	2.00	5.09	
Toluene*	<0.050	0.050	11/28/2022	ND	2.09	105	2.00	3.97	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	1.93	96.3	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	5.79	96.5	6.00	6.33	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	88.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.6	% 46.3-17	8						

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RX-SOIL I	NC.
STAN MIC	KLE
201 MAIN	STREET, SUITE 1360
FORT WO	RTH TX, 76102
Fax To:	NA

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 48 (H225537-22)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.86	92.8	2.00	5.09	
Toluene*	<0.050	0.050	11/28/2022	ND	2.09	105	2.00	3.97	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	1.93	96.3	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	5.79	96.5	6.00	6.33	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	213	106	200	1.67	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	218	109	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	81.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.3	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SOIL	INC.
STAN MI	CKLE
201 MAI	N STREET, SUITE 1360
FORT W	ORTH TX, 76102
Fax To:	NA

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 49 (H225537-23)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.86	92.8	2.00	5.09	
Toluene*	<0.050	0.050	11/28/2022	ND	2.09	105	2.00	3.97	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	1.93	96.3	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	5.79	96.5	6.00	6.33	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	206	103	200	7.09	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	191	95.4	200	9.26	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					
Surrogate: 1-Chlorooctane	101 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.2	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SO	IL INC.
STAN	MICKLE
201 M	AIN STREET, SUITE 1360
FORT	WORTH TX, 76102
Fax To	D: NA

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 50 (H225537-24)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.86	92.8	2.00	5.09	
Toluene*	<0.050	0.050	11/28/2022	ND	2.09	105	2.00	3.97	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	1.93	96.3	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	5.79	96.5	6.00	6.33	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	212	106	200	0.877	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	197	98.5	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SOIL INC	C.	
STAN MICKL	E	
201 MAIN S	TREET, SUITE 1360	
FORT WORT	TH TX, 76102	
Fax To:	NA	

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: W 2 - B (H225537-25)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.86	92.8	2.00	5.09	
Toluene*	<0.050	0.050	11/28/2022	ND	2.09	105	2.00	3.97	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	1.93	96.3	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	5.79	96.5	6.00	6.33	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	212	106	200	0.877	
DRO >C10-C28*	14.1	10.0	11/28/2022	ND	197	98.5	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	93.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



	RX-SOIL INC.
	STAN MICKLE
	201 MAIN STREET, SUITE 1360
	FORT WORTH TX, 76102
	Fax To: NA
11/23/2022	Sampling Date:

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: W 2 - D (H225537-26)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.86	92.8	2.00	5.09	
Toluene*	<0.050	0.050	11/28/2022	ND	2.09	105	2.00	3.97	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	1.93	96.3	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	5.79	96.5	6.00	6.33	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	212	106	200	0.877	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	197	98.5	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	101	45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SOIL I	NC.
STAN MIC	KLE
201 MAIN	STREET, SUITE 1360
FORT WO	RTH TX, 76102
Fax To:	NA

Received:	11/23/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: W 6 - A (H225537-27)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.86	92.8	2.00	5.09	
Toluene*	<0.050	0.050	11/28/2022	ND	2.09	105	2.00	3.97	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	1.93	96.3	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	5.79	96.5	6.00	6.33	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	212	106	200	0.877	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	197	98.5	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	85.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	<i>93.8</i>	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Sampler - UPS - Bus - Other: Frittm.000 ft 5.2 10/07/21	Delivered Bur ICircle Oper	Relinquished By:	interpretation of the source of the sourc	10. Anno 1300	9 619	419 /	6 613	CIA S	2 0 7	2 32	18	Lab I.D. Sar	FOR LAB USE ONLY	Sampler Name: Lully	2	Project Name: EA. M9	Project #:	Phone #:	City: Dearter	Address: lot w min St.		KX Soil
Corrected Temp. °C . 8.7	5	Time: Date: Rece	numany unu vicini a social review field to deemed wat and any other cause whatsoever shall be deemed wat lexital or consequential damages, including without limit o performance of services hereander by Cardinal, reg	liability and client's overlation roomedu for any claim aris								(G)RAB OR (C)OMP. # CONTAINERS			3		Project Owner:	Fax #:	State: TK		Missble	
Cool finact (Initials)		Received By:	analyses. All calins in the function of any office cause vehicles or any one of a service of any and or annexed on the analysis of the analysis. The function are a service of the analysis of the analysis of the analysis of the analysis. All calins is therefore the function of the analysis of the analysis of the analysis of the analysis. All calins is therefore, the function of the analysis of th	ion whether had a contract or fort shall be limited in like the							X	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV.	Fax #:	Phone #:	State: Zip:	City:	Address:	Zip: 76234 Attn: Long & K	Company. April	P.O. #:	
Thormomotor ID #113 Correction Factor -0.3°C	RX Crown long	All Results are emailed. Please provide Email address:		ound hold hullha ellinet for the						/ / /	11-11-11 XXX	DATE TIME BJSX TPH	SAMPLING						< .	e los		
Cool Intact Observed Temp. °C		ase provide Email address:										Chlorite										

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

Received by OCD: 5/16/2023 3:42:39 PM

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Observed Temp. °C	Time:	Time: /00/4		mice and any other cause whatsoever shall b incidental or consequental damages, includi to the performance of services hereunder by	Cardinal's liability and cliant's exclusive remedy for any claim arising whether based is contract or tort, shall be limited to the amount paid by the client for the										Sample I.D.			MA	2	Project Own	Fax #:	State: TK	5] .	he Mi-lele		(575) 393-2326 FAX (575) 393-2476
8.1 Sample Col	increase with	Reneived By	Received By:	yr cuuso whatsoever shail be deemed walved unless made in writing and received by Cardinal within 30 days a soquonial damagos, including without limitation, business interruptions, loss of use, or loss of profits incurred b co of scrubces horeunder by Cardinal, regardless of whether such claim is based upon any of the above stated	any claim arising whether based in contra-					2		5 5	/ /	1 7	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	MATRIX				Project Owner: Sten Middle		210: 740234				8240 2476
ndition CHECKED BY: Initials)	/	Aldaber	11 111	and received by Cardinal within 30 days al s, loss of use, or loss of profits incurred by m is based upon any of the above stated	of or fort, shall be limited to the amount p			~ /				< (1 11-22-22	SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE	PRESERV. SA	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn: Long he kar	Company: Aurola	P.O. #:	BILL TO	
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Standard X Bacteria (only) Sample Condition	long Parker (1451 Raha	5	Verbal Result: Verbal Result:												chloride										ANALYSIS REQUEST	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

Page 140 of 283

Received by OCD: 5/16/2023 3:42:39 PM

State: TK Zip: H:11 Company: Address: Fax #: Attr: Lug Address: City: Project Owner: City: State: Phone #: Fax #: Fax #: Phone #: Fax #: City: Pate: City: City: Phone #: Fax #: City: Fax #: City: City: Phone #: Fax #: City: Fax #: City: City: Presserv Samp Cool UnDWATER GROUNDWATER GROUNDWATER Date GROUNDWATER <t< th=""><th>Project Manager: Maurick Mickle</th><th>Michele</th><th>-</th><th>Company Name: Øy L.</th></t<>	Project Manager: Maurick Mickle	Michele	-	Company Name: Øy L.
Zip: 74:11 Attn:: Lug Pr City: State: Zip: Phone #: Phone #: Fax #: Phone #: Fax #: PRESERV Solid Oil GROUNDWATER MATRIX PRESERV Sampling WASTEWATER Nate: Visit PRESERV Solid Oil Borg GrounDWATER WASTEWATER DATE Time Time Visit Solid OIL DATE Indexes OIL Present Solid Indexed visits note to refer to the table to the removed safety the deel for the table to the removed safety the deel for the table to the removed safety the deel for the table to the removed safety the deel for the table to the removed safety the deel for the table to the removed safety the deel for the table to the removed safety the deel for the table. Visited Indexe with a filt to thinked to the removed safety the deel for the table. Visited Indexe with a filt to thinked to the removed safety the deel for the table. Received By: Visited Tables. Interest Table. Visited Tables. Interest Table. Visited Tables. Interest Table. Visited Tables. Interest Table. Visited Tables. Interest				(575) 393-2326 FAX (575) 393-2476 77 L-1
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Page 32 of 32

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



December 02, 2022

STAN MICKLE RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: APACHE - EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 11/29/22 15:35.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



APACHE - EAU M9

NONE GIVEN

ARTESIA, NM

Sampling Condition:

Sample Received By:

** (See Notes)

Tamara Oldaker

Analytical Results For:

	RX-SOIL INC.		
	STAN MICKLE		
	201 MAIN STREE	T, SUITE 1360	
	FORT WORTH TX	κ, 76102	
	Fax To: NA		
11/29/2022		Sampling Date:	11/29/2022
12/02/2022		Sampling Type:	Soil

Sample ID: A 1 (H225584-01)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/30/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	154	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	14.9	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	86.3	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	94.3	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ARTESIA, NM

Analytical Results For:

		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102 Fax To: NA		
Received:	11/29/2022	Sar	mpling Date:	11/29/2022
Reported:	12/02/2022	Sar	mpling Type:	Soil
Project Name:	APACHE - EAU M9	Sa	mpling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sa	mple Received By:	Tamara Oldaker

Sample ID: A 2 (H225584-02)

Project Location:

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	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/30/2022	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	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	17.3	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



RX-SOIL INC.		
STAN MICKLE		
201 MAIN STRE	ET, SUITE 1360	
FORT WORTH T	X, 76102	
Fax To: NA	L .	

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: A 3 (H225584-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	138	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	11/30/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	110	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	10.9	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	90.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ARTESIA, NM

Analytical Results For:

		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102 Fax To: NA		
Received:	11/29/2022	Sar	mpling Date:	11/29/2022
Reported:	12/02/2022	Sar	mpling Type:	Soil
Project Name:	APACHE - EAU M9	Sa	mpling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sa	mple Received By:	Tamara Oldaker

Sample ID: A 4 (H225584-04)

Project Location:

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	166	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/30/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	78.4	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	80.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.1	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



RX-SOI	L INC.
STAN M	1ICKLE
201 MA	IN STREET, SUITE 1360
FORT V	VORTH TX, 76102
Fax To:	NA

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 1 (H225584-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	11/30/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	14.6	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	90.2	45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 2 (H225584-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/30/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	18.2	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.4	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	RX-SOIL I	NC		
	STAN MIC			
		STREET, SU	ITE 1360	
		RTH TX, 761		
	Fax To:	NA		
0/2022			Sampling Date	. .

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 3 (H225584-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/30/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	13.4	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	97.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108 9	46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



INC.
CKLE
STREET, SUITE 1360
RTH TX, 76102
NA

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: B 4 (H225584-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	0.325	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	0.325	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	178 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	11/30/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	15.2	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	529	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	82.6	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	91.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	128 9	% 46.3-17	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ARTESIA, NM

Analytical Results For:

		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE 1 FORT WORTH TX, 76102 Fax To: NA	360	
Received:	11/29/2022		Sampling Date:	11/29/2022
Reported:	12/02/2022		Sampling Type:	Soil
Project Name:	APACHE - EAU M9		Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker

Sample ID: C 1 (H225584-09)

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/30/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	47.0	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ARTESIA, NM

Analytical Results For:

		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE FORT WORTH TX, 76102 Fax To: NA	1360	
Received:	11/29/2022		Sampling Date:	11/29/2022
Reported:	12/02/2022		Sampling Type:	Soil
Project Name:	APACHE - EAU M9		Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker

Sample ID: C 2 (H225584-10)

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	11/30/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	19.4	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	96.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



	RX-SOIL INC.			
	STAN MICKLE			
	201 MAIN STR	REET, SUITE 1	360	
	FORT WORTH	I TX, 76102		
	Fax To: N	NA		
			Compling Date:	
29/2022			Sampling Date	

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: C 3 (H225584-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/30/2022	ND	400	100	400	3.92	QM-07
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	40.0	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.3	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



			-	1360	
		Fax To:	NA		
Received:	11/29/2022			Sampling Date:	11/29/2022
Reported:	12/02/2022			Sampling Type:	Soil
Project Name:	APACHE - EAU M9			Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN			Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM				

Sample ID: D 3 (H225584-12)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	106 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



ARTESIA, NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

	RX-SOIL INC. STAN MICKLE 201 MAIN STREET, FORT WORTH TX, 7 Fax To: NA		
11/29/2022		Sampling Date:	11/29/2022
12/02/2022		Sampling Type:	Soil
APACHE - EAU	M9	Sampling Condition:	** (See Notes)

Sample ID: D 4 (H225584-13)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	17.5	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	94.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: E 1 (H225584-14)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	78.8	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	98.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SOIL	INC.
STAN MI	CKLE
201 MAIN	STREET, SUITE 1360
FORT WC	DRTH TX, 76102
Fax To:	NA

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: E 2 (H225584-15)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	12.1	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	81.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: E 3 (H225584-16)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	90.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.3	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: E 4 (H225584-17)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	210	105	200	4.81	
DRO >C10-C28*	11.2	10.0	11/30/2022	ND	198	99.2	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	89.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	<i>99.2</i>	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



RX-SOIL INC		
STAN MICKL	E	
201 MAIN ST	FREET, SUITE 1360	
FORT WORT	́Н ТХ, 76102	
Fax To:	NA	

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	APACHE - EAU M9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM		

Sample ID: F 1 (H225584-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.92	95.8	2.00	2.76	
Toluene*	<0.050	0.050	11/30/2022	ND	2.08	104	2.00	2.14	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.11	105	2.00	3.46	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.47	108	6.00	4.30	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	219	110	200	5.02	
DRO >C10-C28*	15.1	10.0	11/30/2022	ND	227	114	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	82.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.0	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



ARTESIA, NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

			-	1360	
Received:	11/29/2022			Sampling Date:	11/29/2022
Reported:	12/02/2022			Sampling Type:	Soil
Project Name:	APACHE - EAU M9)		Sampling Condition:	** (See Notes)

Sample ID: F 2 (H225584-19)

Project Number:

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.83	91.7	2.00	0.307	
Toluene*	<0.050	0.050	11/30/2022	ND	2.03	102	2.00	0.142	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.09	104	2.00	0.428	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.46	108	6.00	1.03	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	219	110	200	5.02	
DRO >C10-C28*	24.9	10.0	11/30/2022	ND	227	114	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	84.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.6	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ARTESIA, NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

	RX-SOIL INC. STAN MICKLE 201 MAIN STREET, FORT WORTH TX, 3 Fax To: NA		
11/29/2022		Sampling Date:	11/29/2022
12/02/2022		Sampling Type:	Soil
APACHE - EAU	M9	Sampling Condition:	** (See Notes)

Sample ID: F 3 (H225584-20)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.83	91.7	2.00	0.307	
Toluene*	<0.050	0.050	11/30/2022	ND	2.03	102	2.00	0.142	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.09	104	2.00	0.428	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.46	108	6.00	1.03	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	219	110	200	5.02	
DRO >C10-C28*	25.1	10.0	11/30/2022	ND	227	114	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	94.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.5	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ARTESIA, NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

	RX-SOIL INC. STAN MICKLE 201 MAIN STRE FORT WORTH Fax To: NA		
11/29/2022		Sampling Date:	11/29/2022
12/02/2022		Sampling Type:	Soil
APACHE - EAU M	19	Sampling Condition:	** (See Notes)

Sample ID: F 4 (H225584-21)

Project Number:

Project Location:

Received:

Reported: Project Name:

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.83	91.7	2.00	0.307	
Toluene*	<0.050	0.050	11/30/2022	ND	2.03	102	2.00	0.142	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.09	104	2.00	0.428	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.46	108	6.00	1.03	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	219	110	200	5.02	
DRO >C10-C28*	72.6	10.0	11/30/2022	ND	227	114	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	96.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.5	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

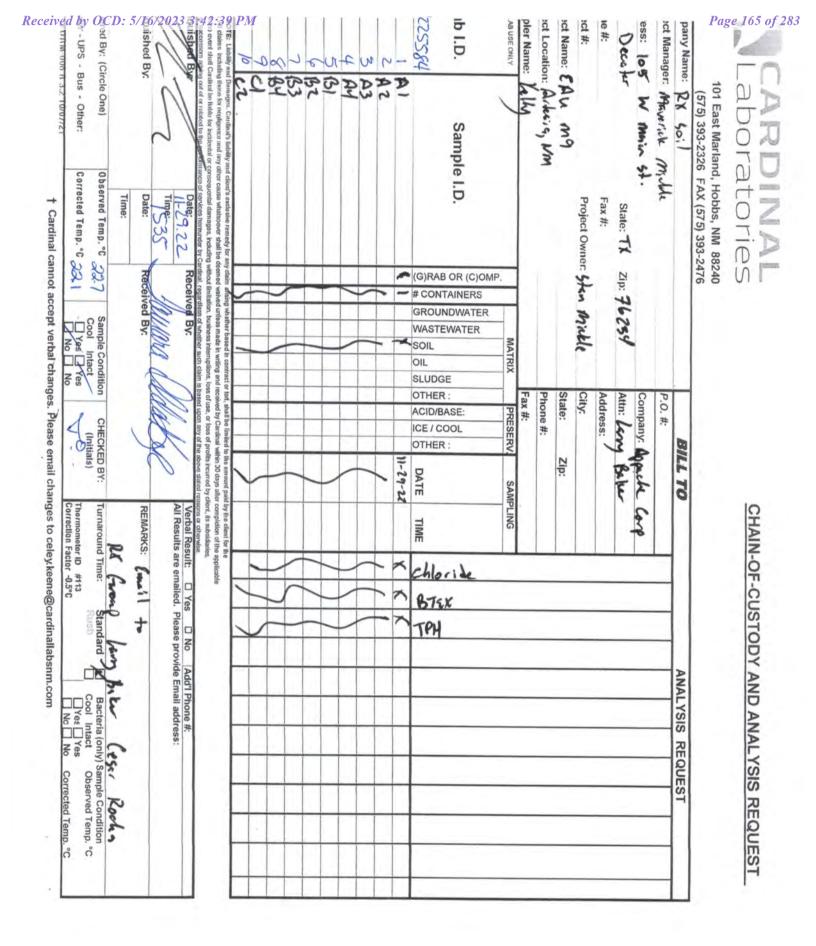
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting 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

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Page 1 A D O F A L O F I C S 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	I T S 1393-2476		
		BILL TO	ANALYSIS REQUEST
Ma		P.O. #:	
W Main St		Company: Asocs &	9 - 0
State:	TK ZIP: 76234	Attn: Lan biker	
Ie#: Fax #:			
ct #: Project	Project Owner: Stan Mickle	City:	
ict Name: FAL M9		State: Zip:	
		#	
pler Name: Kelky		Fax #:	
AB USE ONLY	RS TER	PRESERV. SAMPLING	
Ib I.D. Sample I.D.	(G)RAB OR (# CONTAINE GROUNDWA WASTEWAT SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TIME Chloin BTEX Teh
12 03		11-25-27	× ×
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NOTE: Liability and Damagon. Condinal's liability and client's exclusive rep Note: Liability and Damagon. Condinal's liability and client's exclusive rep attending includion these for medianenes and new other course whatesees	medy for any claim arising whether based is contract or to a shall be deemed waked unless made is writing and reco	 shall be limited to the amount paid the by Cardinal willin 30 days after 	by the client for the completion of the applicable
- 요 겉	ential damages, including without limitation, business intemptions, loss of use, or toss of profils incurred by client, its subdivisions soruces hereunded by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	is based upon any of the above stated reas	ut is subdiving. one or drawise. Varhal Bosult: 1 Vac. 1 No. Add" Phone #:
2023	-24 Mulaka	Coffer the	emailed. Please provi
quished By: Date: Time:	Received By:	and J	Email to: RX front lang Beker Cener Rachs
Orred By: (Circle One) Observed Temp. °C	mp. °C 227 Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard A Bacteria (only) Sample Condition Thermometer ID #113 Cool Intact Observed Temp. °C

P Section on the performance of exercises herewords by Cardinal within 20 days after completion of the applicable section on performance of exercises herewords by Cardinal within 20 days after completion of the applicable conserver spalled to the indextent of the contract or test, shall be finited to fits a spellable over shall Cardinal the black as indextent of the contract or test, shall be finited to fits any of the applicable conserver spalled contract or test, shall be finited to fits annound paid by fits client for fits conserver spalled contract or test, shall be finited to fits annound paid by fits client for fits conserver spalled to the indextent during and received by Cardinal within 20 days after completion of the applicable conserver spalled to the indextent by Cardinal, regardless of whether such client is shaded upon any of the above stated rememory or distributed conserver spalled to the performance of exercises therewords by Cardinal, regardless of Whether such client is shaded upon any of the above stated rememory or distributed Time: Time: Date: Date: Received By: Received By:



December 07, 2022

STAN MICKLE RX-SOIL INC. 201 MAIN STREET, SUITE 1360 FORT WORTH, TX 76102

RE: EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 11/30/22 15:42.

applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

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,

Y

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

11/30/2022	12/07/2022	EAU M9	ARTESIA, NM	APACHE - ARTESIA, NM
Received:	Reported:	Project Name:	Project Number:	Project Location:

** (See Notes) Tamara Oldaker

11/30/2022 Soil

> Sampling Type: Sampling Condition: Sample Received By:

Sampling Date:

Sample ID: C 4 (H225614-01)									
BTEX 8021B	mg/kg	kg	Analyzed By: JH	I By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	DN	2.07	103	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2022	DN	2.15	108	2.00	1.19	
Ethylbenzene*	<0.050	0.050	12/03/2022	DN	2.08	104	2.00	1.00	GC-NC
Total Xylenes*	<0.150	0.150	12/03/2022	DN	6.37	106	6.00	1.36	
Total BTEX	<0.300	0.300	12/03/2022	DN					
Surrogate: 4-Bromofluorobenzene (PID	% 611	6 69.9-140							
Chloride, SM4500Cl-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/02/2022	DN	416	104	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	DN	212	106	200	0.727	
DRO >C10-C28*	89.9	10.0	12/03/2022	DN	196	98.0	200	1.69	
EXT DR0 >C28-C36	10.5	10.0	12/03/2022	ND					
Surrogate: 1-Chlorooctane	85.9 %	% 45.3-161							
Surrogate: 1-Chlorooctadecane	104 %	<i>6</i> 46.3-178							

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PLEAGE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remedy for any cleim arising, whether based in contract or fort, shall be imited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoerer shall be imited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoerer shall be directed by cardinal within thin? (30) days after completion of the applicable service. In no event shall claims including those for negligence and including, uncluding those for mediated or onequarital damages, including, unclusion, publicable service. In no event shall clarinal be alloke for including that applicable services interaptions, loss of uses, or biss of profit increated by clarifials or successors aising out of or related to the performance of the services hereander by Cardinal, regardless of whether such claims labeled to analyzes and the services hereander by Cardinal, regardless of whether such claims labeled on the particable service of the services hereander by Cardinal, regardless of whether such claims labeled on the particable services hereander by Cardinal, regardless of whether such claims labeled on the services hereander by Cardinal, regardless of whether such claims labeled on the services hereander by cardinal, regardless of whether such claims labeled on the services hereander of the services hereander by Cardinal, regardless of whether such claims labeled on the services hereander of the services hereander by Cardinal, regardless of whether such claims labeled on the reproduced exercition down claims particables.

*=Accredited Analyte

mula Sugar

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



Analytical Results For:

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

11/30/2022	12/07/2022	EAU M9	ARTESIA, NM	APACHE - ARTESIA, NM	
Received:	Reported:	Project Name:	Project Number:	Project Location:	

** (See Notes) Tamara Oldaker

11/30/2022 Soil

> Sampling Type: Sampling Condition: Sample Received By:

Sampling Date:

Sample ID: D 1 (H225614-02)									
BTEX 8021B	mg/kg	kg	Analyzed By: JH	I By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0:050	12/03/2022	DN	2.07	103	2.00	1.01	
Toluene*	<0.050	0:050	12/03/2022	DN	2.15	108	2.00	1.19	
Ethylbenzene*	<0.050	0:050	12/03/2022	ND	2.08	104	2.00	1.00	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.37	106	6.00	1.36	
Total BTEX	<0.300	0.300	12/03/2022	DN					
Surrogate: 4-Bromofluorobenzene (PID	106%	6 69.9-140							
Chloride, SM4500Cl-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	12/02/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	DN	212	106	200	0.727	
DRO >C10-C28*	<10.0	10.0	12/03/2022	DN	196	98.0	200	1.69	
EXT DR0 >C28-C36	<10.0	10.0	12/03/2022	DN					
Surrogate: 1-Chlorooctane	78.5 %	% 45.3-161							
Surrogate: 1-Chlorooctadecane	87.1 %	<i>6</i> 46.3-178							

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PLEAGE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remedy for any cleim arising, whether based in contract or fort, shall be imited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoerer shall be imited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoerer shall be directed by cardinal within thin? (30) days after completion of the applicable service. In no event shall claims including those for negligence and including, uncluding those for mediated or onequarital damages, including, unclusion, publicable service. In no event shall clarinal be alloke for including that applicable services interaptions, loss of uses, or biss of profit increated by clarifials or successors aising out of or related to the performance of the services hereander by Cardinal, regardless of whether such claims labeled to analyzes and the services hereander by Cardinal, regardless of whether such claims labeled on the particable service of the services hereander by Cardinal, regardless of whether such claims labeled on the particable services hereander by Cardinal, regardless of whether such claims labeled on the services hereander by Cardinal, regardless of whether such claims labeled on the services hereander by cardinal, regardless of whether such claims labeled on the services hereander of the services hereander by Cardinal, regardless of whether such claims labeled on the services hereander of the services hereander by Cardinal, regardless of whether such claims labeled on the reproduced exercition down claims particables.

*=Accredited Analyte

mula Sugar

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



Analytical Results For:

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

11/30/2022	12/07/2022	EAU M9	ARTESIA, NM	APACHE - ARTESIA, NM	
Received:	Reported:	Project Name:	Project Number:	Project Location:	

** (See Notes) Tamara Oldaker

11/30/2022 Soil

> Sampling Type: Sampling Condition: Sample Received By:

Sampling Date:

Sample ID: D 2 (H225614-03)									
BTEX 8021B	mg/kg	6)	Analyzed By: JH	i By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	DN	2.07	103	2.00	1.01	
Toluene*	<0.050	0.050	12/03/2022	ND	2.15	108	2.00	1.19	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.08	104	2.00	1.00	
Total Xylenes*	<0.150	0.150	12/03/2022	DN	6.37	106	6.00	1.36	
Total BTEX	<0.300	0.300	12/03/2022	DN					
Surrogate: 4-Bromofluorobenzene (PID	105 %	69.9-140							
Chloride, SM4500CI-B	mg/kg	6)	Analyzed By: AC	i By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/02/2022	DN	432	108	400	0.00	
TPH 8015M	mg/kg	6)	Analyzed By: MS	i By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	DN	212	106	200	0.727	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	196	98.0	200	1.69	
EXT DR0 >C28-C36	<10.0	10.0	12/03/2022	ND					
Surrogate: 1-Chlorooctane	88.3 %	6 45.3-161							
Surrogate: 1-Chlorooctadecane	97.2 %	6 46.3-178							

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PLEAGE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remedy for any cleim arising, whether based in contract or fort, shall be imited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoerer shall be imited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoerer shall be directed by cardinal within thin? (30) days after completion of the applicable service. In no event shall claims including those for negligence and including, uncluding those for mediated or onequarital damages, including, unclusion, publicable service. In no event shall clarinal be alloke for including that applicable services interaptions, loss of uses, or biss of profit increated by clarifials or successors aising out of or related to the performance of the services hereander by Cardinal, regardless of whether such claims labeled to analyzes and the services hereander by Cardinal, regardless of whether such claims labeled on the particable service of the services hereander by Cardinal, regardless of whether such claims labeled on the particable services hereander by Cardinal, regardless of whether such claims labeled on the services hereander by Cardinal, regardless of whether such claims labeled on the services hereander by cardinal, regardless of whether such claims labeled on the services hereander of the services hereander by Cardinal, regardless of whether such claims labeled on the services hereander of the services hereander by Cardinal, regardless of whether such claims labeled on the reproduced exercition down claims particables.

*=Accredited Analyte

mula Sugar

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



Notes and Definitions

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PLENSE 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 regignence and any other cause whatsever shall be deemed waived unless made in writing and received by Cardinal within thiny (30) days after completion of the applicable service. In no event shall Cardinal be able for inclemental 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 dam is based upon any of the above stated reasons reclaired reapplicatione. This report shall not be reproduced except in full with writtra approval of Cardinal Laboratories.

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mula Singh

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

aboratories

Page 173 of 283

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

pany Name: RX Soil	320 TAX (373) 333-2-		BILL TO			ANALYSIS	REQUEST
ct Manager: Stan M	ickle		P.O. #:				
ess: 105 W Mai			Company: Apache	Corp			
Decatur		Zip: 76234	Attn: Larry Bak				
e#:	Fax #:		Address:	11 A.			
ct #:	Project Owner	Apache	City:				
ct Name: MA EAU		-fame	State: Zip:				
ct Location: Artesia			Phone #:				
ler Name: Tristan	Tucleu		Fax #:				
AB USE ONLY	long	MATRO	X PRESERV. SAN	IPLING	CCS		
H225614	nple I.D. CH DI D2	(G)RAB OR (C)OMP. # CONTAINERS # CONTAINERS			Chlori XXX TPH XXX BTex		
 I claims including those for negligence a 	nd any other cause whatsoever shall be rotal or consequental damages, includin	deemed walved unless made in will a without limitation, business interrup archinal, regretiens of whether such Received By: Received By: 13.2 Sample Co.	act (Initials)	client, its subsidiaries reasons or otherwise. Verbal Resu	appicable s, are emailed. Please p : t Time: Standa Faish r ID #113	provide Email addre	ss: a (only) Sample Condition tact Observed Temp. °C



December 05, 2022

STAN MICKLE RX-SOIL INC. 201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 12/01/22 12:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



	STAN 201 I	OIL INC. N MICKLE MAIN STREET, SUITE 1 T WORTH TX, 76102	1360	
	Fax 1	To: NA		
Received:	12/01/2022		Sampling Date:	12/01/2022
Reported:	12/05/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: W 1 - C (H225640-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	12/05/2022	ND	432	108	400	3.64	

Sample ID: W 2 - E (H225640-02)

Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	12/05/2022	ND	432	108	400	3.64	

Sample ID: W 6 - B (H225640-03)

Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/05/2022	ND	432	108	400	3.64	

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ST/ 201	-SOIL INC. AN MICKLE 1 MAIN STREET, SUITE 1 RT WORTH TX, 76102	360	
		,		
	Fax	x To: NA		
Received:	12/01/2022		Sampling Date:	12/01/2022
Reported:	12/05/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: W 9 (H225640-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-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	12/05/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2022	ND	220	110	200	3.63	
DRO >C10-C28*	2410	10.0	12/04/2022	ND	201	100	200	9.60	
EXT DRO >C28-C36	999	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	94.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	130	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



			-	1360	
			,		
		Fax To:	NA		
Received:	12/01/2022			Sampling Date:	12/01/2022
Reported:	12/05/2022			Sampling Type:	Soil
Project Name:	EAU M9			Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN			Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA,	NM			

Sample ID: W 20 (H225640-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	12/05/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2022	ND	220	110	200	3.63	
DRO >C10-C28*	29.4	10.0	12/04/2022	ND	201	100	200	9.60	
EXT DRO >C28-C36	38.2	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	92.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.3	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ST/ 201	-SOIL INC. AN MICKLE 1 MAIN STREET, SUITE 1 RT WORTH TX, 76102	360	
		,		
	Fax	x To: NA		
Received:	12/01/2022		Sampling Date:	12/01/2022
Reported:	12/05/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: W 22 (H225640-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/05/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2022	ND	220	110	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	201	100	200	9.60	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	83.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.5	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ST/ 201	-SOIL INC. AN MICKLE 1 MAIN STREET, SUITE 1 PRT WORTH TX, 76102	360	
		,		
	Fax	x To: NA		
Received:	12/01/2022		Sampling Date:	12/01/2022
Reported:	12/05/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: W 23 (H225640-07)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
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	12/05/2022	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	12/04/2022	ND	220	110	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	201	100	200	9.60	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	97.6 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	96.2	% 46.3-17	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ST 20	X-SOIL INC. TAN MICKLE 01 MAIN STF ORT WORTH	REET, SUITE 1	360	
	Fa	ax To: 🛛 🛚	A		
Received:	12/01/2022			Sampling Date:	12/01/2022
Reported:	12/05/2022			Sampling Type:	Soil
Project Name:	EAU M9			Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN			Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM	1			

Sample ID: W 24 (H225640-08)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
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	12/05/2022	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	12/04/2022	ND	220	110	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	201	100	200	9.60	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	99.3 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	97.1	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		-	1360	
	Fax To:	NA		
Received:	12/01/2022		Sampling Date:	12/01/2022
Reported:	12/05/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 13 (H225640-09)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/05/2022	ND	432	108	400	3.64	

Sample ID: B 19 (H225640-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	12/05/2022	ND	432	108	400	3.64	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 101 East Marl (575) 393-23	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	40 76			
pany Name: PX Soil			BILL TO	ANALYSIS REQUEST	JEST
Stan	Mickle	9	P.O. #:		
C	St-	0	Company: Apache	Corp	
5	State:	X ZIP: 76234 A	rry Ball	(er	
e#:	Fax #:		Address:		
ct #:	Project Owner: A pache		City:		
ct Name: EAU M9			State: Zip:		
ct Location: Artesia	N M	g	Phone #:		
oler Name: Tristan	Turley	T	Fax #:		
	4	MATRIX	PRESERV. SAMPLING	de	
b I.D. Sam	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	Chlori TPH B-To	
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NSE: Liability and Damages. Cardinat's fishilly and clic structures including these for negligence and any other on Nevent shall Cardinal to fishis for incidental or conset	quont auso	's exclusive remedy for any claim arising whether based in contrast or tort, shall be finited to the amount paid by the client for the uso whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable ontal damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	ort, shall be fimited to the amount paid b ceived by Cardinal within 30 days after or of use, or loss of profits incurred by clior	nt paid by the client for the ys after completion of the applicable vd by client, its subsidantes,	
orrelat		dinal, regardless of whether such claim is be Received Rv	ased upon any of the above stated reaso	ons or dherwise.	
Mineary:	12/1/22	Received by	A A A A	emailed, Please prov	
D: 5/16%		Received By:	Jan Mary	REMARKS:	
UPS - Bus - Other:	Observed Temp. °C / Corrected Temp. °C /	13.9 Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard Bacteria (only) Sample Condition Thormometer ID #113 Cool Intact Observed Temp. Correction Factor -0.5°C Ves Correction Factor -0.5°C No	ample Condition Observed Temp. °C Corrected Temp. °C



December 07, 2022

STAN MICKLE RX-SOIL INC. 201 MAIN STREET, SUITE 1360 FORT WORTH, TX 76102

RE: EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 12/02/22 14:00.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Whe Singh

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



			-	1360	
		Fax To:	NA		
Received:	12/02/2022			Sampling Date:	12/02/2022
Reported:	12/07/2022			Sampling Type:	Soil
Project Name:	EAU M9			Sampling Condition:	** (See Notes)
Project Number:	ARTESIA, NM			Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA,	NM			

Sample ID: A 1 (H225659-01)

TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2022	ND	203	101	200	8.45	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	188	94.2	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					
Surrogate: 1-Chlorooctane	99.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112	% 46.3-17	8						

Sample ID: A 3 (H225659-02)

TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2022	ND	203	101	200	8.45	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	188	94.2	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					
Surrogate: 1-Chlorooctane	98.8 %	45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 %	6 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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



	STAN I 201 M	IL INC. MICKLE AIN STREET, SUITE WORTH TX, 76102	1360	
	Fax To	: NA		
Received:	12/02/2022		Sampling Date:	12/02/2022
Reported:	12/07/2022		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	** (See Notes)
Project Number:	ARTESIA, NM		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 4 (H225659-03)

TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2022	ND	203	101	200	8.45	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	188	94.2	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	46.3-17	8						

Sample ID: D 4 (H225659-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	12/06/2022	ND	400	100	400	3.92	

Sample ID: E 4 (H225659-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	12/06/2022	ND	400	100	400	3.92	

Sample ID: F 1 (H225659-06)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	12/06/2022	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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



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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/07/2022	Sampling Type:	Soil
Project Name:	EAU M9	Sampling Condition:	** (See Notes)
Project Number:	ARTESIA, NM	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM		

Sample ID: B 43 (H225659-07)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/06/2022	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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



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

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 aboratories ARDIN

	(575) 393-2326	(575) 393-2326 FAX (575) 393-2476	4/6	L			L			15				AN	ANALYSIS	ŝ		B	REQUEST	۳I				P	-
Company Name: QX 5:1	RX Soil	-	Ŀ	H				D		BILL IO		-		-	_						٦	4			-
Project Manager: Maverick	Maverick	Mickle				P.O. #:	井		1					_								_		_	-
Address: 105 W Main St.	v Main St.					Con	Ipar	IV:	PR	Company: Appache Corp	P										_			-	
City: Decatar		State: TX	Zip	76	Zip:76254	Attn	La	E.	P	Attn: Larry Baker											_				_
Phone #:		Fax #:				Add	Address:											_							_
Project #:		Project Owner: Stan	+2 :1e	ñ	Mickle	City:															_			_	
Project Name: EAu M9	Au ma				010010	State:	e		N	Zip:					_									_	
Project Location	Project Location: Artesta, NM					Pho	Phone #:					_						_			_			_	_
Sampler Name:	Kalka					Fax #:	*								_			_			-	_		-	-
FOR LAB USE ONLY	C. C.				MATRIX		PRESERV.	SER	<	SAMPLING	ING										_			-	-
Lab I.D.	Samp	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Ten	Chloride								-	-			
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7	843			~)																				Sec. 1
Analyses. All claims including service. In no event shall claims atfliates or successors arising Relinger/Shed By	Including these for negligence and any shall Cardinal be liable for incidental or shall Cardinal be liable for incidental or or straing out of or related to the perform one straing out of the straing out	tan of th	be deem ding witho by Cardin R R	ed waiv sut limit ecei	er cause whatboever shall be deemed waked untees made in writing and neeked by Cardinal within 30 days a sequential damages, including without immation, business interruptions, loss of uses of roles of porfils incurred by ce of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated 17:1-10:10 Received By:	nd rece , loss of n is bas	ed upo	r loss r loss	of profit of the s	thin 30 days enter its incurred by cli- above stated rea	ent, its subsidiaries, sons or otherwise. Verbal Result: All Results are	re em	□ Yes □ ailed. Plea	ase provid	Add'l Phone #: ide Email addre	ail ad	e #: dres	S.							
Relinquished By:	×,	Date: Time:	70	ecei	Received By:	-	8	è	s C		REMARK	REMARKS: Email to: RX Group 1	to to	any	B	3		6	5	2	leser Rocha	à	3		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Circle One) Bus - Other:	Observed Temp. °C 25;1 Corrected Temp. °C 24:5	2°°	5:4	Sample Condition Cool Intact	ition es		1 _ H	(Initials)	ЗҮ:	Turnaround Time: Thermometer ID #1 Correction Factor -0	Turnaround Time: Thermometer ID #113 Correction Factor -0.6°C		Rush		Bacteria (only) Sample Concursor Cool Intact Observed Temp. Vet Yes Nc No Corrected Temp.	acteria (only) ool Intact Yes Yes Nc No	Act Ves	0 0	bser	rved	Corrected Temp. °C	p. °C		
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N 3.3 0// 10/2

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



December 12, 2022

STAN MICKLE RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: M 9

Enclosed are the results of analyses for samples received by the laboratory on 12/05/22 12:42.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



RX-SOIL INC.

			STREET, SUITE	1360	
		FORT WOF	RTH TX, 76102		
		Fax To:	NA		
Received:	12/05/2022			Sampling Date:	12/05/2022
Reported:	12/12/2022			Sampling Type:	Soil
Project Name:	M 9			Sampling Condition:	** (See Notes)
Project Number:	APACHE			Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM				

Sample ID: B 7 (H225687-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/08/2022	ND	416	104	400	3.77	

Sample ID: B 23 (H225687-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/08/2022	ND	416	104	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RX Soil Project Manager: Stan MicKle Address: 105 W Main St.	1/07/	BILL TO P.O. #: Company: Apoche Co	rp	ANALYSIS REQUEST
Phone #: Fax #:		Address:		
	towner: A pache	City:		
ame: M9		State: Zip:		
Project Location: Artesia, NM	7	Phone #:		
Tachan	T	Fax #:		
FOR LABUSE ONLY	IP. MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	ACID/BASE: ICE / COOL OTHER :	Chlorid	
			X	
2 823		12/5		
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the annount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applical analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applical analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applical analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applical analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applical analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applical analyses. All claims including without imitation, business interruptions, loss of use, or loss of profils incurred by client, its subadiaties, and the applical analyses. All claims incurred by Cardinal waived unless analyses interruptions, loss of use, or loss of profils incurred by client, its subadiaties, and the applical analyses. All claims incurred by client is subadiaties.	sive remedy for any claim arising whether based in contract o absorver shall be deemed weived unless made in writing and arrages, including without imitation, business interruptions, lo	r tort, shall be limited to the amount paid received by Cardinal within 30 days after so of use, or loss of profits incurred by c	by the client for the completion of the applicable lient, its subsidiarilies,	
attinues or successors arising out of or related to the performance of services to Relinquished By: Date: MUUUU Relinquished By: Date: Time: Time: Time: Time:	Time: Received By: Date: 12 Received By: 000000000000000000000000000000000000		ilt: □ Yes □ No rre emailed. Please prov	Add'I Phone #: ide Email address:
Delivered By: (Circle One) Observer Sampler - UPS - Bus - Other: Correcte	Observed Temp. °C 24.4 Sample Condition Corrected Temp. °C 23.8 Uver Yes	(Initials)	Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor -0.5°C	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Ves Yes Nc No Corrected Temp. °C



December 08, 2022

STAN MICKLE RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: M 9

Enclosed are the results of analyses for samples received by the laboratory on 12/05/22 16:32.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Whe Singh

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



RX-SOIL INC.

			STREET, SUITE	1360	
		FORT WOR	RTH TX, 76102		
		Fax To:	NA		
Received:	12/05/2022			Sampling Date:	12/05/2022
Reported:	12/08/2022			Sampling Type:	Soil
Project Name:	M 9			Sampling Condition:	** (See Notes)
Project Number:	ARTESIA, NM			Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM				

Sample ID: B 15 (H225699-01)

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	12/08/2022	ND	187	93.7	200	1.30	
DRO >C10-C28*	46.9	10.0	12/08/2022	ND	159	79.7	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	85.2 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	<i>99.2</i> 9	46.3-17	8						

Sample ID: B 16 (H225699-02)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	187	93.7	200	1.30	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	159	79.7	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	87.8 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.9 \$	46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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



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

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

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

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	annice. In no event shall Cardnal be liable for incidential or con affinities or successors atting out of or related to the performan Relinquished By: Juno N Juno	PLEASE NOTE: Liability and Damage analyses. All claims including those to	Lab I.D.	FOR LAB USE ONLY	2	Project #:	City: De (atour Phone #:	Address: 105	Project Manager:	101
Date: Time: Observed Temp. °C Corrected Temp. °C	ardinal be liable for incidental or consequential damages, including without limitation, business in go out of or reliated to the performance of services hereunder by Cardinal, regardless of whe Y: Date: S-22 Received By: Time: 32 Jun	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim artising analyses. All claims including those for negligence and any other cause whatever shall be deemed wave	(G)RAB OR (C)OMP. # CONTAINERS	9201 (94)		0		W Main St	-	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
Received By: Received By: Remarks: Cool Intact Remarks: Cool Intact Cool Intact Remarks: Cool Intact Cool Intact Concetion Factor -0.5°C	repertial damages, including without limitation, business interruptions, loss of taxe, a fusca of profile incurred by classifiations, of services hereunder by Cardinal, repardiese of whether such claim is based upon any of the above stated reasons or oftenview. Date: Date: Time	PLEASE NOTE: Liability and Damages. Candina's liability and client's exclusive remedy for any claim asting whether based in contract or tot, shall be limited to the amount paid by the client for the annual paid by the client for the	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : OTHER : OTHER : OTHER : OTHER : OTHER : OTHER : TIME	MATRIX PRESERV. SAMPLING O	State: Zip: Phone #:	Mickle City:	NIN	P.O. #: Company: Ao a thy form	BILL TO	
Standard Bacteria (only) Sample Condition Rush Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	^{je} ☐ Yes ☐ No Add'I Phone #: nailed. Please provide Email address:								ANALYSIS REQUEST	

Received by OCD: 5/16/2023 3:42:39 PM

Page 197 of 283



December 14, 2022

STAN MICKLE RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: M 9

Enclosed are the results of analyses for samples received by the laboratory on 12/07/22 15:55.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



			-	360	
		Fax To:	NA		
Received:	12/07/2022			Sampling Date:	12/07/2022
Reported:	12/14/2022			Sampling Type:	Soil
Project Name:	M 9			Sampling Condition:	** (See Notes)
Project Number:	APACHE			Sample Received By:	Tamara Oldaker
Project Location:	ARTESIA, NM				

Sample ID: D 4 (H225770-01)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/09/2022	ND	432	108	400	0.00	

Sample ID: E 4 (H225770-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/09/2022	ND	432	108	400	0.00	

Sample ID: F 1 (H225770-03)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	12/09/2022	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever 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 whose 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 whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to 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.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

DS

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

orator

Project Manager: Stan MicKle P.O. #: Address: 105 W Main St. Company: Apache Corp city: Decatur state: TX zip: 76234 Attn: Larry Baker Phone #: Fax #: Address:
W Main St. State: TX Zip: 76234 Attn: Larry Bake Fax #: Address:
Decatur state: TX zip: 76234 Attn: Larry Bake
e #: Fax #: Addre
Project #: Project Owner: Apache City:
ame: M9
Project Location: Artesia, NM Phone #:
Fax #:
MATRIX PRESERV SAMPLING
G)RAB OR (C)OMP. CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :
X
Cardinal's liability and client's exclusive egligence and any other cause whatso ble for incidental or consequental dama
Tuddy Time: SS Mulleta Welcher
Refinquished By: Date: Received By: RemARKS:
Delivered By: (Circle One) Observed Temp. °C Image: Condition CHECKED BY: Turnaround Time: Standard Bacteria (only) Sample Condition Sampler - UPS - Bus - Other: Corrected Temp. °C Image: Corrected Temp. °C <td< td=""></td<>

Page 4 of 4



January 31, 2023

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

RE: EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 01/27/23 11:35.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



	M 2		-	1360	
	F	ax To:	NA		
Received:	01/27/2023			Sampling Date:	01/26/2023
Reported:	01/31/2023			Sampling Type:	Soil
Project Name:	EAU M9			Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN			Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NN	М			

Sample ID: B 14 2' (H230407-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	210	105	200	3.14	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	223	111	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	0						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	MAVER 201 M	IL INC. RICK MICKLE AIN STREET, SUITE 1 WORTH TX, 76102	360	
	Fax To	: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 21 2.5' (H230407-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	210	105	200	3.14	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	223	111	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	201 MAI	INC. CK MICKLE N STREET, SUITE : ORTH TX, 76102	1360	
	Fax To:	NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 23 2.5' (H230407-03)

BTEX 8021B	mg,	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	210	105	200	3.14	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	223	111	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	MAVER 201 M/	IL INC. RICK MICKLE AIN STREET, SUITE 1 WORTH TX, 76102	360	
	Fax To	: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 24 2.5' (H230407-04)

BTEX 8021B	mg,	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	210	105	200	3.14	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	223	111	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.0	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	MAVER 201 M/	IL INC. RICK MICKLE AIN STREET, SUITE 1 WORTH TX, 76102	360	
	Fax To	: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 27 3' (H230407-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	210	105	200	3.14	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	223	111	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	201 MAI	. INC. CK MICKLE IN STREET, SUITE : ORTH TX, 76102	1360	
	Fax To:	NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 34 2' (H230407-06)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	210	105	200	3.14	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	223	111	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	79.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	M/ 20	K-SOIL INC. AVERICK MICKLE D1 MAIN STREET, SUITE 13 DRT WORTH TX, 76102	360	
	Fa	ax To: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM	l		

Sample ID: B 41 3' (H230407-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.3	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	M/ 20	K-SOIL INC. AVERICK MICKLE D1 MAIN STREET, SUITE 13 DRT WORTH TX, 76102	360	
	Fa	ax To: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM	l		

Sample ID: B 42 3' (H230407-08)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	201 MA	IL INC. LICK MICKLE AIN STREET, SUITE 1 NORTH TX, 76102	360	
	Fax To	: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 43 3.5' (H230407-09)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	84.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	M/ 20	K-SOIL INC. AVERICK MICKLE D1 MAIN STREET, SUITE 13 DRT WORTH TX, 76102	360	
	Fa	ax To: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM	l		

Sample ID: B 46 3' (H230407-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	77.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.7	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 SM4500CI-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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 5/16/2023 3:42:39 PM

Delivered By: (Circle One) Sampler - UPS - Bus - Oth	Relinquished By:	1-Un	Relinquished By:	Incha	PLEASE NOTE: Linbility	9	8	1	60	10	: 0	NC	1	HCONCOL	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location: Artsin,	Project Name: Au	Project #:	Phone #:	City: Dearbor	Address: los	Project Manager:	Company Name:		AND AND A
Circle One) - Bus - Other:	3v:		ŝv:	Inchaing there is negligence and say other cause wheteover shall be or shall Cardinal to liable for indicestal or consequential damages, including and the second of several or the performance of services hereander by C	Byte and Damages, Cardinal's	843	345	341	334	400	200	DLI	0	BIH	S		Killen		Au ma				- W Arm	Mau	-	101 East Marlanc (575) 393-2326	1
				incleand any other of incleants or conservation	sal's liability and clier	3.5'	v.	3.	2.	1.65	4.3	2.3		2'	Sample I.D.			N'N					~ \$t.	Mickle		Aarland, H 3-2326 FA	()
Observed Temp. Corrected Temp.	Date: Time:	Time:	Date: 1-17-15	guental damages, inc prental damages, inc or services hereunde	nt's exclusive remedy for any claim										D.					Project Owner: Sten Muche	Fax #:	State: TK		· ·		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	(
1° 2°	Rece	F		all be deemed wai auding without limi ar by Cardinal, reg.	for any claim ar	-			-					-	G)RAB OR (C)OMP.	_				ner: t						38240 -2476	1
Sample Cor	Received By:	MULLIN I	Received By.	nce nut any othor cruso wholeover shall be doemed whived unless made in writing that receives by various writing or uny ourse composed or to ever inductivity of consequential damages, including build initiation, buintess intemptions, loss of use, or loss of (togis incurd by client), as subditativity, to no norder moneto in Services Received by Caratinal, researchess of whether such client is based upon any of the above stated reasons or enhanders.	artising whether based is contrast or lord, shall be limited to the air									X	GROUNDWATER WASTEWATER SOIL DIL	MATRIX				made		Zip: 76254					
ret ves		WU	1	p and received by yns, loss of use, c laim is based upo	ract or lort, shall				64. 1.						SLUDGE OTHER : ACID/BASE:	PRE	Fax #:	Phone #:	State:	City:	Address:	Attn:	Company:	P.O. #:	T		
(Initials)	1	MCM.	MM	In proceeding of Caracteria within 30 using since scoreposition or inco- loss of use, or loss of profils incurred by client, its subsidiaries, is based upon any of the above dated reasons or etherwise.	be limited to the amount p									T	ICE / COOL OTHER : DATE	PRESERV. SAN	1	#	Zip:		SS:	on beter	any: Aprile		BILL TO		
Turnaround Time: Thormomotor ID #113 Correction Factor -0.5°C	NL BOT NO	DEMARKS	All Results are	reasons or otherwise	wnt paid by the client for the average and completion of the average average average and the average avera										TIME	SAMPLING											
d Time: r ID #113 actor -0.5°C					applicable				1/					XX	chloride BTEX	-											
Standard			i. Please pr		-	+	+		1			-	-	X	TOH		_				_						
			rovide Em		t		1	1	1							-		_	_			_			ANALYSIS		
Bacteria (only) Cool Intact Yes Yes No No			emailed. Please provide Email address:															_					_		YSIS REQUEST		
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Ves Yes No No Corrected Temp. °C																		_				_				IEST	

Page 13 of 13



January 31, 2023

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

RE: EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 01/27/23 11:35.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



	MA 201	RX-SOIL INC. MAVERICK MICKLE 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102							
	Fax	x To: NA							
Received:	01/27/2023		Sampling Date:	01/26/2023					
Reported:	01/31/2023		Sampling Type:	Soil					
Project Name:	EAU M9		Sampling Condition:	Cool & Intact					
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker					
Project Location:	APACHE - ARTESIA, NM								

Sample ID: G 3 (H230408-01)

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	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/30/2023	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	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	86.0 % 48.2-13		4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	MA\ 201	-SOIL INC. VERICK MICKLE 1 MAIN STREET, SUITE 13 RT WORTH TX, 76102	360	
	Fax	KTO: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: H 2 (H230408-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.88	94.2	2.00	1.03	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	1.87	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.07	104	2.00	2.10	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.40	107	6.00	2.60	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	MA\ 201	-SOIL INC. VERICK MICKLE 1 MAIN STREET, SUITE 13 RT WORTH TX, 76102	360	
	Fax	KTO: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: H 3 (H230408-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.88	94.2	2.00	1.03	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	1.87	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.07	104	2.00	2.10	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.40	107	6.00	2.60	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	11.7	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	201 MA	_ INC. CK MICKLE IN STREET, SUITE /ORTH TX, 76102	1360	
	Fax To:	,		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: I 3 (H230408-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.88	94.2	2.00	1.03	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	1.87	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.07	104	2.00	2.10	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.40	107	6.00	2.60	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	01/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	201 MA	_ INC. CK MICKLE IN STREET, SUITE /ORTH TX, 76102	1360	
	Fax To:	,		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: I 4 (H230408-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.88	94.2	2.00	1.03	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	1.87	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.07	104	2.00	2.10	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.40	107	6.00	2.60	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/30/2023	ND	432	108	400	3.77	QM-07
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	84.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	MA\ 201	-SOIL INC. VERICK MICKLE 1 MAIN STREET, SUITE 13 RT WORTH TX, 76102	360	
	Fax	KTO: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: J 1 (H230408-06)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.88	94.2	2.00	1.03	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	1.87	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.07	104	2.00	2.10	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.40	107	6.00	2.60	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	86.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	201 MAI	INC. CK MICKLE N STREET, SUITE : ORTH TX, 76102	1360	
	Fax To:	NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: J 2 (H230408-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.88	94.2	2.00	1.03	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	1.87	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.07	104	2.00	2.10	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.40	107	6.00	2.60	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	01/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	201 MAI	. INC. CK MICKLE IN STREET, SUITE 1 ORTH TX, 76102	1360	
	Fax To:	NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: K 3 (H230408-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.88	94.2	2.00	1.03	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	1.87	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.07	104	2.00	2.10	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.40	107	6.00	2.60	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	01/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	86.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	MA\ 201	-SOIL INC. VERICK MICKLE 1 MAIN STREET, SUITE 13 RT WORTH TX, 76102	360	
	Fax	KTO: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: K 4 (H230408-09)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.88	94.2	2.00	1.03	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	1.87	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.07	104	2.00	2.10	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.40	107	6.00	2.60	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	MA\ 201	-SOIL INC. VERICK MICKLE 1 MAIN STREET, SUITE 13 RT WORTH TX, 76102	360	
	Fax	KTO: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: L 1 (H230408-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.88	94.2	2.00	1.03	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	1.87	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.07	104	2.00	2.10	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.40	107	6.00	2.60	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	01/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	MA\ 201	-SOIL INC. VERICK MICKLE 1 MAIN STREET, SUITE 13 RT WORTH TX, 76102	360	
	Fax	KTO: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: L 2 (H230408-11)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.88	94.2	2.00	1.03	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	1.87	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.07	104	2.00	2.10	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.40	107	6.00	2.60	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	01/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	MA\ 201	-SOIL INC. VERICK MICKLE 1 MAIN STREET, SUITE 13 RT WORTH TX, 76102	360	
	Fax	KTO: NA		
Received:	01/27/2023		Sampling Date:	01/26/2023
Reported:	01/31/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: L 3 (H230408-12)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.88	94.2	2.00	1.03	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	1.87	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.07	104	2.00	2.10	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.40	107	6.00	2.60	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	01/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	217	109	200	0.114	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	213	107	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

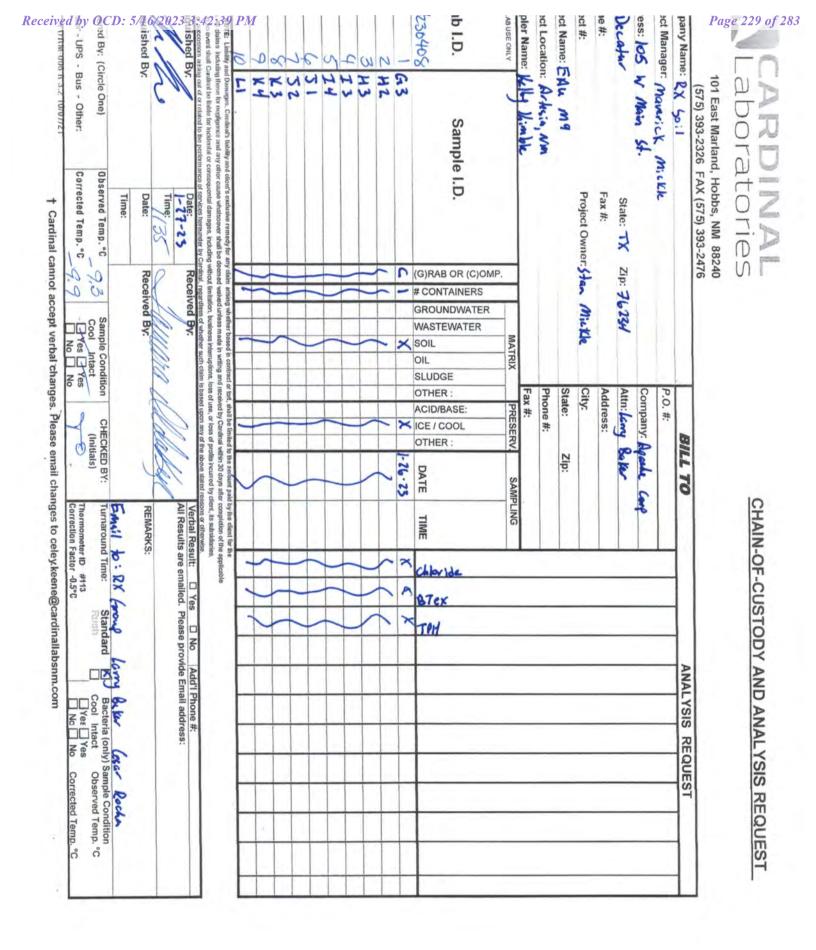
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient 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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



d OCD: 5/Arished By: Ocd By: (Circle One)	6/2023 Blished By:	29 PM 23 distribution for the second state of	12 13	10 I.D.	AB USE ONLY	oler Name:	ect Name: EAu	oct #:	1e #:	Dealer	ess: log v	sct Manager: Mawrink	pany Name:	Pag
v: lircle One) Bus - Other:	21	and Damagos. Cardinat's liebility on lang tirosa for negligoroso and ravy o Cardinat ho lieble for incidental or o sing out of ar related to los populari			1	Artests, NA	n mg				w main st.		RX Soil	01 East Marla (575) 393-232
Date: Time: Observed Temp.°C Corrected Temp.°C	1-17-13 Time/35	PM SPTE: Linbitify and Downapor. Continue's linbitity and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited in the amount paid by linc client for the splicable in the limited in the limited in the splicable in whith a gat disense whether based in contract or tort, shall be limited in the splicable or the splicable. Substances arising whether limited to the profile source uses the sale of the splicable or tort, shall be limited to the profile source or the splicable or the splicable or the splicable or tort, shall be limited to the profile source or the splicable.		Sample I.D.				Project Owner: She Madde	Fax #:	State: TK		Mickle		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
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February 01, 2023

STAN MICKLE RX-SOIL INC. 201 MAIN STREET, SUITE 1360 FORT WORTH, TX 76102

RE: EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 01/27/23 16:43.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



				360	
	F	Fax To:	NA		
Received:	01/27/2023			Sampling Date:	01/27/2023
Reported:	02/01/2023			Sampling Type:	Soil
Project Name:	EAU M9			Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN			Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, N	IM			

Sample ID: G 1 (H230421-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.89	94.7	2.00	5.38	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	5.96	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.13	106	2.00	6.21	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.60	110	6.00	6.78	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	24						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	188	93.8	200	4.06	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	170	84.8	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	18						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE FORT WORTH TX, 76102	1360	
		Fax To: NA		
	I			
Received:	01/27/2023		Sampling Date:	01/27/2023
Reported:	02/01/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, N	IM		

Sample ID: I 1 (H230421-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	2.01	100	2.00	3.88	
Toluene*	<0.050	0.050	02/01/2023	ND	2.08	104	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.09	105	2.00	4.38	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.28	105	6.00	3.53	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	188	93.8	200	4.06	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	170	84.8	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE FORT WORTH TX, 76102	1360	
		Fax To: NA		
	I			
Received:	01/27/2023		Sampling Date:	01/27/2023
Reported:	02/01/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, N	IM		

Sample ID: J 3 (H230421-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	2.01	100	2.00	3.88	
Toluene*	<0.050	0.050	02/01/2023	ND	2.08	104	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.09	105	2.00	4.38	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.28	105	6.00	3.53	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	188	93.8	200	4.06	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	170	84.8	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	82.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE FORT WORTH TX, 76102	1360	
		Fax To: NA		
	I			
Received:	01/27/2023		Sampling Date:	01/27/2023
Reported:	02/01/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, N	IM		

Sample ID: L4 (H230421-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	2.01	100	2.00	3.88	
Toluene*	<0.050	0.050	02/01/2023	ND	2.08	104	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.09	105	2.00	4.38	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.28	105	6.00	3.53	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	188	93.8	200	4.06	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	170	84.8	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	82.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	ST/ 201	K-SOIL INC. FAN MICKLE D1 MAIN STREET, SUITE 13 DRT WORTH TX, 76102	360	
	Fax	ix To: NA		
Received:	01/27/2023		Sampling Date:	01/27/2023
Reported:	02/01/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: W 1 (H230421-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	2.01	100	2.00	3.88	
Toluene*	<0.050	0.050	02/01/2023	ND	2.08	104	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.09	105	2.00	4.38	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.28	105	6.00	3.53	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	188	93.8	200	4.06	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	170	84.8	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	SOIL INC. AN MICKLE . MAIN STREET, SUITE 1: RT WORTH TX, 76102	360	
		,		
	Fax	To: NA		
Received:	01/27/2023		Sampling Date:	01/27/2023
Reported:	02/01/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: W 2 (H230421-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	2.01	100	2.00	3.88	
Toluene*	<0.050	0.050	02/01/2023	ND	2.08	104	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.09	105	2.00	4.38	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.28	105	6.00	3.53	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	188	93.8	200	4.06	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	170	84.8	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	SOIL INC. AN MICKLE . MAIN STREET, SUITE 1: RT WORTH TX, 76102	360	
		,		
	Fax	To: NA		
Received:	01/27/2023		Sampling Date:	01/27/2023
Reported:	02/01/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: W 6 (H230421-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	2.01	100	2.00	3.88	
Toluene*	<0.050	0.050	02/01/2023	ND	2.08	104	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.09	105	2.00	4.38	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.28	105	6.00	3.53	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	188	93.8	200	4.06	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	170	84.8	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.7	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	SOIL INC. AN MICKLE . MAIN STREET, SUITE 1: RT WORTH TX, 76102	360	
		,		
	Fax	To: NA		
Received:	01/27/2023		Sampling Date:	01/27/2023
Reported:	02/01/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: W 9 (H230421-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	2.01	100	2.00	3.88	
Toluene*	<0.050	0.050	02/01/2023	ND	2.08	104	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.09	105	2.00	4.38	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.28	105	6.00	3.53	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	188	93.8	200	4.06	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	170	84.8	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	SOIL INC. AN MICKLE . MAIN STREET, SUITE 1: RT WORTH TX, 76102	360	
		,		
	Fax	To: NA		
Received:	01/27/2023		Sampling Date:	01/27/2023
Reported:	02/01/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: W 20 (H230421-09)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	2.01	100	2.00	3.88	
Toluene*	<0.050	0.050	02/01/2023	ND	2.08	104	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.09	105	2.00	4.38	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.28	105	6.00	3.53	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	188	93.8	200	4.06	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	170	84.8	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	SOIL INC. AN MICKLE . MAIN STREET, SUITE 1: RT WORTH TX, 76102	360	
		,		
	Fax	To: NA		
Received:	01/27/2023		Sampling Date:	01/27/2023
Reported:	02/01/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NM			

Sample ID: W 22 (H230421-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	2.01	100	2.00	3.88	
Toluene*	<0.050	0.050	02/01/2023	ND	2.08	104	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.09	105	2.00	4.38	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.28	105	6.00	3.53	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	188	93.8	200	4.06	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	170	84.8	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	82.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	S 20	X-SOIL INC. TAN MICKLE 01 MAIN STREET, SUITE 1 ORT WORTH TX, 76102	360					
	Fa	ax To: NA						
Received:	01/27/2023		Sampling Date:	01/27/2023				
Reported:	02/01/2023		Sampling Type:	Soil				
Project Name:	EAU M9		Sampling Condition:	Cool & Intact				
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker				
Project Location:	APACHE - ARTESIA, NM	М						

Sample ID: W 24 (H230421-11)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	2.01	100	2.00	3.88	
Toluene*	<0.050	0.050	02/01/2023	ND	2.08	104	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.09	105	2.00	4.38	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.28	105	6.00	3.53	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	188	93.8	200	4.06	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	170	84.8	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	75.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.7	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Project Name: EAU M9 Project #: city: Decatur Sampler Name: Project Location: Artesia, NM Phone #: Address: 105 Company Name: Relinquished By: service. In no event shall Cardina analysos. All claims inch FOR LAB USE ONLY Relinquished By: 123042 Lab I.D. Samplor - UPS - Bus - Other: Delivered By: (Circle One) anun 10/01/2.5.11 000 W 3.2 Das 6 ٤ Stan Sc (575) 393-2326 FAX (575) 393-2476 ristan Turley Sol Main Sample I.D. EN2 ELCHO Mickle PN9 and any other W20 In or cons Observed Temp. °C Corrected Temp. °C St. causo Project Owner: Apache Fax #: State: Time: Date: Date: Time: + damages, including without limitation, business Cardinal cannot accept verbat changes. Please email changes to celey keene@cardinallabsnm.com してい shall be deemed × Zip: 76234 N dy lor l G)RAB OR (C)OMP. in 00000 Received By: Received By: 0 # CONTAINERS GROUNDWATER nless made in writing and roce WASTEWATER AYes AYes Sample Condition MATRIX SOIL XXX OIL SLUDGE P.O. loss of use, or loss of profits) Fax #: State: City: company: Apache (orp OTHER Attn: Larry Address: Phone #: ACID/BASE: PRESERV # ved by Cardinal within 30 days : ICE / COOL CHECKED BY: < BILL any of the above stat OTHER (Initials) Zip: 0 DATE 10 Baker ncurred by client, its subsidiaries, 127 127 27 177 27 127 2 127 27 SAMPLING phot 2:52 2:52 2:52 3:06 All Results are emailed. p y n y a completion of the applicable Correction Factor -0.5°C **Turnaround Time:** 3:06 REMARKS: 3:06 306 TIME -06 306 hlorides 5 H Yes р Please provide Email address: Standard R ex ы÷ O No ANALYSIS Add'l Phone #: Cool Intact Bacteria (only) Sample Condition REQUEST Corrected Temp. Observed Temp. ô ĉ

Received by OCD: 5/16/2023 3:42:39 PM

Page 14 of 15

Received by OCD: 5/16/2023 3:42:39 PM

BILL TO p: 76234 Atm: Larry pounce City: Address: City: State: Zip: Phone #: Procession Phone #: Phone #: Phone #: Phone #: Phone #: Ph	PLEASE NOTE: Liability and Deavages. Cardinal's liab analyses. A datum s including litera is reconjugated on the regularized and served. In so cost and Cardinal to faith of the individual anillates of purceasors and any out of or related to the pe Relinquished BV: Relinquished BV: Delivered BY: (Circle One) Sampler - UPS - Bus - Other:	53' 54	101 East Mark (575) 393-23
Standard La ANAL Standard La ANAL	Adage wind clearly's exclusive remedy for any claim arring wind any other cause whaleboow shall be downed wahed untail or consequential damages, including without limitation performance of serves hereunder by Cardinal, regarding the cardinal magnetic serves hereunder by Cardinal, regarding the cardinal magnetic serves hereunder by Cardinal, regarding the cardinal magnetic serves are served. The cardinal magnetic serves the served temp. °C 2, 2 Corrected Temp. °C 2, 3	Mickle Ain St. state: T Fax #: Project Ow Turley 24	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
Standard La ANAL Standard La ANAL	hether based in contract or lot, shall be finited to the amount paid near made in writing and ucceived by Candinal within 30 days after business interruptions, loss of use, or loss of profits hoursed by Gil a d whether such claim to based upon any of the above stated rest of By: UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	Soil State: Zip: Attn: Larry Bax State: Zip: Actio/BASE: Phone #: Actio/BASE: Phone #: Actio/BASE: Date ICE / COOL DATE	BILL TO
	☐ Yes ☐ No Add'I F ailed. Please provide Ema Standard [9 .5°C	X Chlorides X TPH X B-Tex	ANALYS

Page 245 of 283



February 02, 2023

STAN MICKLE RX-SOIL INC. 201 MAIN STREET, SUITE 1360 FORT WORTH, TX 76102

RE: EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 01/30/23 13:55.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



		-	1360	
	Fax To:	NA		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 13 (H230426-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	192	96.2	200	4.67	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	186	93.2	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	102 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	-SOIL INC. AN MICKLE I MAIN STREET, SUITE 1: RT WORTH TX, 76102	360	
		To: NA		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 15 (H230426-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	192	96.2	200	4.67	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	186	93.2	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STAN 201	SOIL INC. N MICKLE MAIN STREET, SUITE 13 T WORTH TX, 76102	360	
	Fax ⁻	To: NA		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 16 (H230426-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	192	96.2	200	4.67	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	186	93.2	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	102 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	-SOIL INC. AN MICKLE I MAIN STREET, SUITE 1: RT WORTH TX, 76102	360	
		To: NA		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 11 (H230426-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	192	96.2	200	4.67	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	186	93.2	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	-SOIL INC. AN MICKLE I MAIN STREET, SUITE 1: RT WORTH TX, 76102	360	
		To: NA		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 19 (H230426-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	192	96.2	200	4.67	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	186	93.2	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102							
		To: NA							
Received:	01/30/2023		Sampling Date:	01/30/2023					
Reported:	02/02/2023		Sampling Type:	Soil					
Project Name:	EAU M9		Sampling Condition:	Cool & Intact					
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez					
Project Location:	APACHE - ARTESIA, NM								

Sample ID: B 26 (H230426-06)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recovery	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	174	87.0	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	74.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	-SOIL INC. AN MICKLE I MAIN STREET, SUITE 1: RT WORTH TX, 76102	360	
		To: NA		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 34 (H230426-07)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	174	87.0	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	118 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	-SOIL INC. AN MICKLE I MAIN STREET, SUITE 1: RT WORTH TX, 76102	360	
		To: NA		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 45 (H230426-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	174	87.0	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STAN 201	SOIL INC. N MICKLE MAIN STREET, SUITE 13 T WORTH TX, 76102	360	
	Fax ⁻	To: NA		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 50 (H230426-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	174	87.0	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	-SOIL INC. AN MICKLE I MAIN STREET, SUITE 1: RT WORTH TX, 76102	360	
		To: NA		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: B 7 (H230426-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	174	87.0	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Address: 105 W /	Main St.	Tim 76234	2	Corp	
Phone #:	State: (X Fax #:	X Zip: /6234	Attn: Larry Ba Address:	1	
		Project Owner: Apache	City:		
-			State: Zip:		
Sampler Name: Trich	1		Phone #:		
FOR LABUSE ONLY	an iuriey		1		
			PRESERV. SAMPLING	es	
Lab I.D. S	Sample I.D.	(G)RAB OR (C)O # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: CE / COOL DTHER : DA	Chlorid TPH B-Tex	
	BB	X	1	X X X	
we	RIC	$\left\{ \left\{ - \right\} \right\}$	<	111	
	BII				
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-6	826		1		
	BHS				
	BSO		<		
PLEASE NOTE: Liability and Damingers. Condinal analyses. All claims including those for medigeneo	ner. Cardinal's liability and cliont's exclusive remedy for any claim for truppinguico and any other cause whatsoever shall be downed	v dains arising whether based is contract or tort, shall be limited to the	lort, shall be limited to the annount paid by	the clicat for the	
servee. In no ovent stall Cardinul he liable for induksitut or consequental atfillates or successes alrang cut of or related to the performance of serv Refine the second Bure	sorved. In no overil dirafficial in biskute for individual or centrequential damages, including without limitation, business interuptions, base of use, or loss of profile social completion of the applicable affiliates or autoescores arrang car at or rotated to the policient control services hereinder by Cardinal, regardless of whether such claim is based upon any of the above dated raceous or otherwise.	without limitation, business interruptions, loss rdinal, regardless of whether such claim is b	statinterruptions, loss of use, or loss of profils incurred by client other such claim is based upon any of the above stated reason	npicilion of the applicable , its subsidiaries, s or otherwise	
Withen alle	Time: 30-33	Received By:	and the owner where the party is not the party of the par	Verbal Result: Ves No Add'l Phone #: All Results are emailed. Please provide Email address:	hone 朱 ll address:
Keiinduisned By:	Date: Time:	Received By:	R	REMARKS: Jush add	ul 1/31/23
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.02	O Cool Intact	CHECKED BY:	Thermometer ID #113	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C

Received by OCD: 5/16/2023 3:42:39 PM

Page 13 of 13

Page 258 of 283



February 02, 2023

STAN MICKLE RX-SOIL INC. 201 MAIN STREET, SUITE 1360 FORT WORTH, TX 76102

RE: EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 01/30/23 13:55.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



	ST 20	X-SOIL INC. TAN MICKLE 01 MAIN STREET, SUITE 1 ORT WORTH TX, 76102	360	
	Fa	ax To: NA		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM	1		

Sample ID: G 2 (H230427-01)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	174	87.0	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	SOIL INC. IN MICKLE MAIN STREET, SUITE 1 RT WORTH TX, 76102	1360	
	Fax	,		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: G 4 (H230427-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	174	87.0	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	69.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.0	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	SOIL INC. IN MICKLE MAIN STREET, SUITE 1 RT WORTH TX, 76102	1360	
	Fax	,		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: H 1 (H230427-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	174	87.0	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	76.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	-SOIL INC. AN MICKLE I MAIN STREET, SUITE 1: RT WORTH TX, 76102	360	
		To: NA		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: H 4 (H230427-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	12.4	10.0	01/31/2023	ND	174	87.0	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	73.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.7	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201 FOR	SOIL INC. AN MICKLE L MAIN STREET, SUITE 1 RT WORTH TX, 76102	.360	
	Fax	To: NA		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: I 2 (H230427-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.91	95.4	2.00	2.99	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.12	106	2.00	2.36	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.52	109	6.00	1.23	
Total BTEX	<0.300	0.300	02/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	01/31/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	174	87.0	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	78.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	SOIL INC. IN MICKLE MAIN STREET, SUITE 1 RT WORTH TX, 76102	1360	
	Fax	,		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: J 4 (H230427-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.95	97.4	2.00	2.62	
Toluene*	<0.050	0.050	01/31/2023	ND	2.16	108	2.00	2.17	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.16	108	2.00	1.95	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.64	111	6.00	0.893	
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	01/31/2023	ND	416	104	400	0.00	QM-07
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	174	87.0	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STA 201	SOIL INC. IN MICKLE MAIN STREET, SUITE 1 RT WORTH TX, 76102	1360	
	Fax	,		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: K 1 (H230427-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.95	97.4	2.00	2.62	
Toluene*	<0.050	0.050	01/31/2023	ND	2.16	108	2.00	2.17	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.16	108	2.00	1.95	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.64	111	6.00	0.893	
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	01/31/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	174	87.0	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	80.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	STAN 201	SOIL INC. N MICKLE MAIN STREET, SUITE 13 T WORTH TX, 76102	360	
	Fax ⁻	To: NA		
Received:	01/30/2023		Sampling Date:	01/30/2023
Reported:	02/02/2023		Sampling Type:	Soil
Project Name:	EAU M9		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - ARTESIA, NM			

Sample ID: K 2 (H230427-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.95	97.4	2.00	2.62	
Toluene*	<0.050	0.050	01/31/2023	ND	2.16	108	2.00	2.17	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.16	108	2.00	1.95	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.64	111	6.00	0.893	
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/31/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	174	87.0	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

1 40 m 70

Received by OCD: 5/16/2023 3:42:39 PM

Company Name:	arland, Hobbs, I 2326 FAX (575)	8240 2476	A6 1110		
Project Manager:	Stan Mickle	1100	P.O. #	ANALYSIS REQUEST	-
9	W Main St.		ache	Corp	
Phone #:	Fax #:	X Zip: 76234	Attn: Larry Boller Address:		
Project #:	Project Owner:	Dr.	City:		
Project Name: E	EAU M9	-	State: Zip:		
Project Location:	Artesia, NM		Phone #:		_
Sampler Name:	Iristan Turley		Fax #:	5	-
FOR LAB USE ONLY	<	P. MATRIX	PRESERV. SAMPLING		-
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE	DTHER : ACID/BASE: CE / COOL DTHER : DATE	Chbrid TPH B Tex	
e	62	X	~	XX	+
w	H				+
N.F	H				
er	4.C		V (+
2-1	KI				
8	NC				
LEASE NOTE: Linbility and Dan talysos. All claims including two	EASE NOTE: Liability and Damagno, Caudinal's liability and clicut's exclusive remedy for any claim arising whether based is contract or tort, shall be imited to the amount paid by the clicut for the valyon. At claims including lives is not any other cause whateoner that he doesnot united references in the second tables to tort, shall be imited to the amount paid by the clicut for the	y dain arising whether based is contract or tort, shall be smilled to the an	bot, shall be imited to the amount paid by the sli	asi (or the	H
linder or successors where out of or robustonio	If or reference to be performance of services hereander by Co	Received By:	the such claim is based upon any of the above dated reasons or otherwise Verbal Res All Results	sons or cheveloa. Sons or cheveloa. Verbal Result:	
Minuished By:	MUN TIMESS	5400 BU	MUM MINE	suns are emaned. Friedse provide Email address:	
omquisitor by.	Time:	Keceived By:	REMARKS:	Luch! added 1/31/23	
Delivered By: (Circle One) ampler - UPS - Bus - Ott	- Other: Corrected Temp.*C	Sample Condition	CHECKED BY:	Standard	
FUTUM-008 IC 3.2-10/07721	+	nnot accept verbal chang	Jes. Please email changes to	r- ASPE - U. U. I No No Corrected Ten (eene@cardinallabsnm.com	
		milot accept verbar charge	jes. Fiedse effiaii citanges to	celey, keene@cardinallabsnm.com	



February 03, 2023

STAN MICKLE RX-SOIL INC. 201 MAIN STREET, SUITE 1360 FORT WORTH, TX 76102

RE: EAU M9

Enclosed are the results of analyses for samples received by the laboratory on 02/02/23 13:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



	S 2	RX-SOIL INC. STAN MICKLE 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102			
	F	ax To:	NA		
Received:	02/02/2023			Sampling Date:	02/02/2023
Reported:	02/03/2023			Sampling Type:	Soil
Project Name:	EAU M9			Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN			Sample Received By:	Tamara Oldaker
Project Location:	APACHE - ARTESIA, NI	М			

Sample ID: I 2 (H230469-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/03/2023	ND	400	100	400	3.92	

Sample ID: K 1 (H230469-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/03/2023	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 5/16/2023 3:42:39 PM

Address: 10 S W Main St. city: $Decatur$ state: TX Project #: Fax #: Project Name: EAU M9 Project Location: $Artesia$, NM Sampler Name: $Tristan$ Turkey FOR LAB I.D. Sample I.D. H230469 2 $L2$ 2 $K1$	St. Fax #: Project Owner: A pache Acy Acy C (G)RAB OR (C)OMP. C (G	Attn: L a r' y Address: City: State: Zip: Phone #: Fax #: Fax #: FAX #: THER:	Chlorides		
Project Manager: Stan Mickle		P.O. #:			
		P.O. #:			
		~ ~ ~			
		Company: Apache	6	_	
Denatur State: T	zip: 76234	Larin	2	_	
#: Fax #:		Address:			
	r. Aonthe	City:			
	- partie		_		
Project Name: EAU M9					
Project Location: Artesia NM		Phone #:	5		
(uching .		Eau #	0.0	_	
Tristan					
	TAINERS NDWATER EWATER	R : BASE: COOL	Chlor		
	GROI		(_	
1 12	-		1		
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PLEASE NOTE: Libbility and Damages. Cardinal's libbility and client's exclusive remedy for any claim arising whether based in contract or lort, shall be fimiled to the cause whatsoover shall be deemed watwout unless made in writing and received by Cardinal within	any claim arising whether based is contract	Image: Constraint of the constraint within 30 days affect or point.	ATE TIME 2 11:34 2 11:34 2 11:34 2 11:34 2 11:34 2 11:34 2 11:34		
PLEASE NOTE: Liability and Domagos. Castenal's liability and client's exclusive remedy for analyses. All claims including those for negligence and any other cause whateoever shall b searce. In no event shall Cardinat the liable for incidental or consequential damages. Including	and the second s	O Z O UAIE V 2/2 V 2/2 V 2/2 Image: Contract of the amount part of contract with 30 days affect incurred by fossion use, or loss of profits incurred by affect incurred incurred by affect incured by affect	TIME 111:34 11		
PLEASE NOTE: Liability and Damogres. Candinal's liability and client's exclusive remedy for any claim arising whether based is contract or lost, shall be limited to be amount paid by the client for the analyses. All claims including through for angly and client's exclusive remedy for any claim arising whether based is contract or lost, shall be limited to be amount paid by the client for the analyses. All claims including through for angly and client's exclusive remedy for any claim arising whether based is contract or lost, shall be limited to be amount paid by the client for the analyses. All claims including within 30 days after completion of the applicable analyses. In no event shall Christian to liable for including through anong the above stability and client, the subsidiaries, antitiates or auccessors mixing out of or related to the period fance or isources through antitiates of whether sub-side in writing and client, the subsidiaries.	any claim arising whether based in contract occorride withed unless made in writing without limitation, business interruptions, rog without limitation, business interruptions, "Cardinal, regardless of whether such claim	tor lord, shall be fimiled to the amount paid to reserved by Cardinal within 30 days all loss of use, or loss of profile incurved by is based upon any of the above stated re	TIME 111:34 11:34 11:34 toythe client for the r completion of the applicable silent, its sub-sidentee, sacrose or cherewise.		
ILEASE NOTE: Liability and Dawnoges. Candinal's liability and dient's exclusive remedy for a analyses. All claims including those for negligence and any other cause whatsoever shall be service. In no event shall Cardinal be liable for includental or consequential damages, including attitudes or successors arising out of or related to the period/annee of assees hereounder by Refinquischert By.	any claim ariang whether based in contract o doesned wahed unless made in writing an rig without limitation, business Interruptions, I Cardinal, regardless of whether such claim Received By:	Image: Signed and Signed an	TIME 111:34 111:34 111:34 111:34 111:34 Templeton of the applicable r completion of the applicable subsidiaries, subs	TIME	hone #:
PLEASE NOTE: Liability and Domagos. Cardinal's liability and client's exclusive remedy for analyses. All claims including these for negligence and any other cause whataooever shall be seried, and the over that all Cardinal the liable for includental or consequential damages, leaded and and or an easient of ar related to the performance of services horizontater by Relinquischert By:	any claim arising whether based is contract a deemed valved unless made is writing an graditod, limitation, business interruptions, Cardinal, regardless of whether such claim Received By:	tor loft, shall be limited to the amount paid of neework by Cardinal within 30 days attack to in based upon any of the above stated to in based upon any of the above stated to	TIME	d. Please provide Emai	I address:
PLEASE WOTE: Liability and Domagne. Cardnait's liability and cleart's exclusive remedy for analyses. All claims including these for negligionce and any other cause whataboever shall be sorked. In no ever shall Cardnait the liability in dictor is an event and any other cause whataboever shall be minutes or successors rations out of or related to the period assoce of sonces herearunder by Relinquishedt By: Relinquished By: Date: Time: Time:	any claim arking whether based is contract a decend walved unless made is writing an or deceived unless of whether such claim Received By: Received By:	tor fort, shall be limited to the amount paid of neewood by Cardinal within 30 days attick to received by Cardinal within 30 days attick to see or loss of profils incurved by in based upon any of the above stated to the above stated by the above stated by	TIME	d. Please provide Ema	I address:
PLEASE NOTE: Liability and Damoges. Cardinal's liability and dient's exclusive remedy for any data manupaes. All clarities including liboro for regulgence and any othor cause whatebower shall be deemed vision arrange of or related to the period/ance of data. Relinquished By: Relinquished By: Relinquished By: Date: Relinquished By: Circle One)	any claim arising whether based is contract or to a doesned without unless made in writing and record reg without limitation, business interruptions, lose co- cardinal, regardless of whether such claim is base Received By: Received By:	tor lor, and be finited to the amount part of records and within 30 days after to based upon any of the above stated to in based upon any of the above stated by in based upon any of the above stated by in based upon any of the above stated to in the above stated to in the above stated to the above sta	TIME 11:34 11:34 11:34 11:34 Completion of the applicable r completion of the applicable	A. Please provide Emai	Phone #: all address:

Page 273 of 283



March 10, 2023

BRUCE BAKER APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS, NM 88240

RE: EAU M9 EMULSION TRUNK LINE

Enclosed are the results of analyses for samples received by the laboratory on 03/08/23 8:20.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/08/2023	Sampling Date:	03/06/2023
Reported:	03/10/2023	Sampling Type:	Soil
Project Name:	EAU M9 EMULSION TRUNK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 51 @ 5' (H231034-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/09/2023	ND	1.95	97.7	2.00	1.62	
Toluene*	<0.050	0.050	03/09/2023	ND	1.99	99.5	2.00	0.904	
Ethylbenzene*	<0.050	0.050	03/09/2023	ND	2.00	100	2.00	0.784	
Total Xylenes*	<0.150	0.150	03/09/2023	ND	6.08	101	6.00	1.81	
Total BTEX	<0.300	0.300	03/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg			Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	03/09/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2023	ND	191	95.3	200	4.30	
DRO >C10-C28*	<10.0	10.0	03/10/2023	ND	188	93.9	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	03/10/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/08/2023	Sampling Date:	03/06/2023
Reported:	03/10/2023	Sampling Type:	Soil
Project Name:	EAU M9 EMULSION TRUNK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 52 @ 5' (H231034-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2023	ND	1.95	97.7	2.00	1.62	
Toluene*	<0.050	0.050	03/09/2023	ND	1.99	99.5	2.00	0.904	
Ethylbenzene*	<0.050	0.050	03/09/2023	ND	2.00	100	2.00	0.784	
Total Xylenes*	<0.150	0.150	03/09/2023	ND	6.08	101	6.00	1.81	
Total BTEX	<0.300	0.300	03/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	03/09/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2023	ND	191	95.3	200	4.30	
DRO >C10-C28*	<10.0	10.0	03/09/2023	ND	188	93.9	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	03/09/2023	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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

U

Project Manager:

Address:

Company Name:

3000

Baker

P.O. #:

BILL

10

ANALYSIS

REQUEST

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 10/17/2023 3:07:20 PM

Address:		0	Company:			_
city: Holohs	State Uu	State Cur Zip: 88240 At	Attn:			
Phone #:	Fax #:		Address:			_
Project #:	Project Owner:		City:			
Project Name:		S	State: Zip:			_
Project Location: EAU M	EAU MG Emuls Son Trunk	Lin	Phone #:			
Sampler Name: Sose	Levoe l		Fax #:			_
FOR LAB USE ONLY		MATRIX	PRESERV. SA	SAMPLING	4	
Lab I.D. Samp	Sample I.D.	(G)RAB OR COMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER : DATE	TIME C/	BTEX ExT TPI	-
2 15205'			1 76	2:50 1		
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal he liable for incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	y and client's exclusive remedy for a ny other cause whatsoever shall be o or consequental damages, including ormance of services hereunder by C	ny claim arising whether based in contract or for deemed weived unless made in writing and rece writiout imitation, business interruptions, loss o ardinal, repardless of whether such claim is bas	rt, shall be limited to the amount eived by Cardinal within 30 days ; of use, or loss of profits incurred) sed upon any of the above stated	paid by the client for the Inter completion of the applicable ty client, its subsidiaries, reasons or otherwise.	-	-
Relinquished By: Jose Quudah	Date: 3/4/23 Time:	Received By:		Verbal Result: All Results are emai	Verbal Result: Yes No Add'I Phone #: All Results are emailed. Please provide Email address:	address:
Relinquished By:	Date:/8/23 Time: 820	Received By:	Ulable	REMARKS: S-M(c.	1 Results	
Complet line But Other	Observed Temp. °C	ie.	CHECKED BY: (Initials)	Turnaround Time:	Standard I	Bacteria (or Cool Intact
Sampler - OFS - Dus - Other:	Corrected Temp	6.8 Tres Tres	Ye.	Correction Factor -0.6°C		

N J.J UT1012

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

Bacteria (only) Sample Condition Cool Intact Observed Temp. Ves Yes Nc No Corrected Temp.

Corrected Temp. °C Observed Temp. °C

Page 278 of 283



March 30, 2023

BRUCE BAKER APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS, NM 88240

RE: EAU M9 EMULSION TRUNK LINE

Enclosed are the results of analyses for samples received by the laboratory on 03/29/23 16:50.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/29/2023	Sampling Date:	03/29/2023
Reported:	03/30/2023	Sampling Type:	Soil
Project Name:	EAU M9 EMULSION TRUNK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 51 @ 6' (H231452-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	03/30/2023	ND	416	104	400	3.77	

Sample ID: B 52 @ 6' (H231452-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/30/2023	ND	416	104	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

aboratories CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by	OCD: 5/16/2	2023 3:42:39 P	M	
-		79 8 8 9 7		

		Jose Ouscole	Relinquished By:	alyses. All claims including those for negligence a rvice. In no event shall Cardinal be liable for incide liable or successors arising out of or related to the	EASE NOTE: Liability and Damages. Cardinal's la			 2185206	1 RSIelo'	42314S2	Lab I.D. Sam		FOR LAB USE ONLY	Project Location: /HU/	Project Name:	Project #:	Phone #:	city: Hobbs	Address:	Project Manager: B. R.	Company Name: Aproch
Observed Temp. °C 3.3 Sample Condition			Received By:	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed wavied unises made in writing and received by Cardinal writin 30 days arear compression are expression in no event shall Cardinal be failed for incidential or consequential damages, including writiout limitation, business interruptions, loss of use, or loss of profits incurrent by client, it as subsidiaries, service. In no event shall Cardinal be failed for incidential or consequential damages, including writiout limitation, business interruptions, loss of use, or loss of profits incurrent by client, it as subsidiaries, answer or anonessor anison out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tord, shall be limited to the amount paid by the client for the			C 1 1	-	# CO	Sample I.D.	SER	MATRIX	11- 1 Cmuls ion from a hime	· 1 1	Project Owner:	Fax#:	State Jun Zip: 88240		Kar	a
ample Condition CHECKED BY: Cool Intact (Initials)		Anona i	MM VIA	writing and received by Cardinal within 30 days ant ruptions, loss of use, or loss of profits incurred by uch claim is based upon any of the above stated re	tract or tort, shall be limited to the amount			1 3/25	1 3/25		BASE:		ESERV.	Fax #:	Dhone #:		Address:	Attn:	Company:	P.O. #:	BILL TO
Standard Rush	E- Mail Pres. 145	REMARKS:	All Results are emailed. Please prov	appacative	and by the client for the			//:32 \	11:36 1	TIME	/		SAMPLING								ANAL
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes Nc No Corrected Temp. °C			ddd'l Phone #: ide Email address:	8																	ANALYSIS REQUEST

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

Operator:	OGRID:										
APACHE CORPORATION	873										
303 Veterans Airpark Ln	Action Number:										
Midland, TX 79705	217435										
	Action Type:										
	[C-141] Release Corrective Action (C-141)										
CONDITIONS											
Created By Condition	Condition Date										

Created By Condition scwells None

CONDITIONS

Page 283 of 283

Action 217435

10/17/2023