Oil Conservation Division

Application ID

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. X A scaled site and sampling diagram as described in 19.15.29.11 NMAC A 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) X 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. Environmental Tech Sr. Staff Larry Baker Printed Name: Title: Signature: Larry Baker larry.baker@apachecorp.com email: 11/9/2022 Date: _____ Telephone: 432-215-2284

OCD Only

Received by: Robert Hamlet

Date: 2/24/2023

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

Closure Approved by: <u>Robert Hamlet</u>	Date: 2/24/2023
Printed Name: <u>Robert Hamlet</u>	Title: Environmental Specialist - Advanced

.

Page 6

Closure Request



Apache Corporation

CLFCA Trunk Line

nAPP2107730944

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III.	Remediation Activities	3
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	Depth to Groundwater Data Delineation Summary Table Remediation Cell Data Summary Table Laboratory Reports

I. Introduction

On behalf of Apache Corporation, RXSoil, Inc. ("RXSoil") has prepared this closure request that describes remediation of the above-mentioned release.

The release occurred on 03/09/2021 in Unit Letter G, Section 21, Township 17S, Range 30E (see *Figure 1* for Vicinity Map) at approximate coordinates 32.82313, -103.97678. It was reported that 83 barrels of produced water were released, and 45 barrels of produced water were recovered during the initial response.

II. Site Assessment/Characterization

- 1. Site Map See Figure 2
- Depth to ground water A borehole was drilled to 110' at coordinates 32.82317, -103.976552 and left open for 72 hours to determine depth to groundwater for this remediation. The borehole was dry after 72 hours and then plugged. Groundwater for this project is >100'.
- 3. **Wellhead protection area** There are no known water sources within a half mile of the release.
- 4. **Distance to nearest significant watercourse** There is no known significant watercourse with a half mile of the release.
- 5. **Soil/waste characteristics** An initial delineation was completed between 04/29/2021 and 06/08/2021, with all data provided in the approved Work Plan. The release was delineated down to a depth of 70'. Excavation activities are described below.

III. Remediation Activities

RXSoil's core process of on-site remediation was 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 built around the perimeter of the cell area. A 20-mil reinforced poly liner was placed 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 the 1,950 cubic yards of contaminated soils from this release, nAPP2117355043, and nAPP2114756542.

Sidewall samples were delineated and excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Sidewall and floor samples represented no more than 200 square feet. Following excavation to 4' BGS, a liner was installed, as approved in the initial work plan. Sample locations are shown in *Figure 2* with a summary table of the results as *Appendix C* and third-party laboratory reports in *Appendix E*.

Once all contaminated material was in the treatment cell, treatment began. To confirm successful treatment, a grid of confirmation samples was gathered at depth 36"-48" with one sample representing no more than 100 cubic yards. If a sample tested above threshold, treatment continued

in that area until the soil tests clean, per strictest Table I guidelines for impacted soils. All samples were transferred on ice to a third-party lab for confirmation testing using NMOCD approved testing methods. A summary table of these results are shown in *Appendix D* with third-party laboratory reports in *Appendix E*. Remediated soil was then backfilled, with photos shown in *Appendix F*.

Sidewall and bottom samples were taken using a stainless-steel hand shovel while remediation samples were taken using a stainless-steel bucket auger. All tools were decontaminated before each sample, as specified in *Field Equipment Cleaning and Decontamination* (EPA, 2015). This includes wiping the equipment clean, water-rinsing the equipment, washing the equipment in detergent and water, and rinsing the equipment in water.

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

IV. Restoration, Reclamation and Re-Vegetation

Following remediation, RXSoil prepared the pasture and reseeded with BLM #2. The disturbed area will be monitored to ensure revegetation is achieved.

Based on the information provided in this report, RXSoil and Apache Corporation are requesting closure for this incident.



Received by OCD: 11/9/2022 1:44:46 PM. FIGURE 2 - SITE OVERVIEW

NORTH WALL

EB20 EB19 EB18 EB17

GEB13 GEB14 GEB15 GEB16

WEST WALL CEB12 OEB10 O EB9 EB11

EB5 OEB6 O EB7 OEB8 O

EB4 EB3 EB2 EB1

SOUTH WALL



Released to Imaging: 2/24/2023 9:55:40 AM

Sec. 1

N

EAST WALL

APPENDIX A

C-141

Oil Conservation Division

Application ID

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. X A scaled site and sampling diagram as described in 19.15.29.11 NMAC A 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) X 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. Environmental Tech Sr. Staff Larry Baker Printed Name: _____ Title: Signature: Larry Baker Date: 11/9/2022 larry.baker@apachecorp.com Telephone: 432-2 Telephone: 432-215-2284

OCD Only

Page 6

Received by:

Date:	 	

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

Closure Approved by:	Date:
Printed Name:	Title:

APPENDIX B

DEPTH TO GROUNDWATER DATA

Desert Sand Water Well Services, LLC.

Soil Bore Report

nfo	Customer:				Phone:	Date:				
Well Info	Dimondba	ack Disposa	al/ Apack	e Corp.	575-631-9586 6/8/21					
1	Well Name:		-Arriver of an annual and a second	ann an a' a chuide à taraitht de la chuide de la chuide à la ch	Location:					
General /	CLFCA	TrunkI	Line		32.8231731 -103.976522	21				
	DE	PTH								
	FROM	TO	THICKNESS (feet)	COLOR	AND TYPE OF MATERIAL ENCOUNTERED - I BEARING CAVITIES OR FRACTURES					
	0	2	2	anders of a stand of the second s	TOP SOIL					
	2	20	18		CALECHE / RED SAND					
	20	40	20		RED SAND					
	40	60	20		RED SAND / RED CALY STRIGERS	5				
	60	80	20		RED CLAY					
	80	90	10		RED CLAY / GRAVEL					
	90	110	20		RED SAND					
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OF					THE BORE HOLE WAS DRY AFTER 72 HOURS					
U	and the second	Ale E	a proposition to the standard second seco		ED FROM THE BOTTOM OF THE HOLE TO					
CO					3/8 HOLE PLUG ON 6/11/21.					
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1118 West Broadway Place

Hobbs, N.M. 88240

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Office: 575-396-3790

APPENDIX C

DELINEATION SUMMARY TABLE

					Ceda	r Lake Trun	k Line 1							
Samula Nama	Sample Type	Sample Date	Received	Lab ID Sample	Chloride	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	EXT DRO	ТРН
Sample Name	Sample Type	Sample Date	Received		Method 4500			8021B				80:	15M	
East Wall	SIDEWALL	5/16/2022	5/17/2022	H222080-02	128	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
North Wall	SIDEWALL	5/16/2022	5/17/2022	H222080-01	240	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
S WALL	SIDEWALL	6/13/2022	6/13/2022	H222548-02	80.0	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
W WALL	SIDEWALL	6/13/2022	6/13/2022	H222548-01	<16.0	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
EB 1	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-01	5120	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	10.8	<10.0	10.8
EB 2	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-02	3120	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	216	187	403
EB 3	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-03	7200	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	129	73.3	202
EB 4	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-04	6530	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
EB 5	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-05	21000	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
EB 6	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-06	5860	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	357	129	486
EB 7	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-07	4800	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	40.8	30.3	71.1
EB 9	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-09	18000	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	14.4	13.4	27.7
EB 10	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-10	17200	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
EB 11	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-11	10800	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
EB 12	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-12	72000	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
EB 13	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-13	3840	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
EB 14	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-14	23600	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
EB 15	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-15	38000	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
EB 16	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-16	4240	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
EB 17	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-17	3600	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
EB 18	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-18	32800	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
EB 19	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-19	2800	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0
EB 20	BOTTOM, 4'	5/24/2022	5/25/2022	H222217-20	7460	<0.05	<0.05	<0.05	<0.15	<0.30	<10.0	<10.0	<10.0	<10.0

All results reported in mg/kg unless otherwise noted

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APPENDIX D

TREATMENT SUMMARY TABLE

					Ceda	ar Lake Trea	atment Cel	l Data						
Sample Name	Sample Type	Sample Date	Received	Lab ID Sample	Chloride Method 4500	Benzene	Toluene	Ethylbenzene 8021B	Xylenes	BTEX	GRO	DRO 801	EXT DRO 15M	ТРН
A1	CELL	6/23/2022	6/23/2022	H222704-01	352	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
A2	CELL	6/23/2022		H222704-02	448	<0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<30
A3	CELL	6/23/2022	, ,	H222704-03	240	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<30
A4	CELL			H222613-01	272	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	14.8	<10.0	14.8
A5	CELL	6/17/2022		H222613-02	368	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<30
A6	CELL	6/17/2022		H222613-11	272	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
B1	CELL	6/17/2022		H222613-12	704	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
B1	CELL	6/23/2022	6/23/2022	H222704-04	736	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
B1	CELL	6/29/2022	6/30/2022	H222800-01	224	-	-	-	-	-	-	-	-	-
B2	CELL	6/17/2022	6/17/2022	H222613-13	352	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
B3	CELL	6/17/2022	6/17/2022	H222613-03	544	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
B4	CELL	6/17/2022	6/17/2022	H222613-04	480	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.5	<10.0	14.5
B5	CELL	6/17/2022	6/17/2022	H222613-05	224	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
B6	CELL	6/17/2022	6/17/2022	H222613-06	416	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
C1	CELL	6/17/2022	6/17/2022	H222613-07	544	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
C2	CELL	6/27/2022	6/30/2022	H222770-01	640	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.0	<10.0	15.0
C2	CELL	7/6/2022	7/6/2022	H222897-01	352	-	-	-	-	-	-	-	-	-
C3	CELL	6/17/2022	6/17/2022	H222613-08	464	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
C4	CELL	6/17/2022	6/17/2022	H222613-09	400	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
C5	CELL	6/17/2022	6/17/2022	H222613-14	544	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
C6	CELL	6/17/2022	6/17/2022	H222613-10	384	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
D1	CELL	6/23/2022	6/23/2022	H222704-05	560	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
D2	CELL	, ,	, ,	H222704-06	480	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.4	<10.0	10.4
NMOCD T	hresholds,	Remediation S	tandards		600	10				50				100

Bold text indicates above threshold, treatment continued

All results reported in mg/kg unless otherwise noted

- indicates test was not run

APPENDIX E

LABORATORY REPORTS



May 19, 2022

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

RE: CEDAR LAKE TRUNK LINE (TL)

Enclosed are the results of analyses for samples received by the laboratory on 05/17/22 9:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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. HAYES ADAMS 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102 Fax To: NA

Received:	05/17/2022	Sampling Date:	05/16/2022
Reported:	05/19/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: TRUNK LINE NORTH WALL (H222080-01)

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	05/18/2022	ND	2.07	103	2.00	12.3	
Toluene*	<0.050	0.050	05/18/2022	ND	2.05	103	2.00	6.82	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.04	102	2.00	8.65	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.23	104	6.00	9.50	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	240	16.0	05/18/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2022	ND	189	94.3	200	2.40	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	228	114	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	97.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	% 59.5-14	2						

Cardinal Laboratories

17

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/17/2022	Sampling Date:	05/16/2022
Reported:	05/19/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: TRUNK LINE (TL) EAST WALL (H222080-02)

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	05/18/2022	ND	2.07	103	2.00	12.3	
Toluene*	<0.050	0.050	05/18/2022	ND	2.05	103	2.00	6.82	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.04	102	2.00	8.65	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.23	104	6.00	9.50	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	128	16.0	05/18/2022	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	05/18/2022	ND	189	94.3	200	2.40	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	228	114	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	92.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105	% 59.5-14	2						

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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

	Delivered By: (Circle One) Sampler - UPS - Bus - Other: Foitaleone Franciscontration	Relinguished By:	exonce. In no event shall cardinable liable for including or ea affective, a succession a nicity and or related to the patientian Refinquished By:	PLEASE NOTE: Liability and Dannages. Cerdinal's linktilly and clinesslyans. All chims including the chims and solutions for negligence and any other	Haaaogo 1 Trunk Line 2 Trunk Line		Project #: Project Name: Cell Project Location: Sampler Name:	City: Phone #:	Project Manager:	101 Eas (575) Company Name:	A Lab
† Cardinal cannot ac	Observed Temp. °C	e e	Induction of consequential damages, including women of the the patientrance of services thereinder by Caudiana, rups Date:	gas. Caudinal's linkility and client's oxidusive tenrody for any claim into the nary c	Khorth Wall (G)R/	Sample I.D.	y Lake Truck	State: Zip: Fax #:	Tayes Adams	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	RDINAL
Cardinal cannot accept verbal dyanges. Please email changes to celey.keene@cardinallabsnm.com	Sample Condition CHECKED BY: Cool Intact (Initials)	Received By:	reported damages, industry winner winners intrasting and recolved by Catalian within 3 and any aller completion of the application of services treaminder by Caralinal, replanders of entrative such chains tars of troops of profile frequencies of services. Date: Date: Catalian Received By: Verbal Recuit: C	ents ordinative termody for any than initiality wholes boards in contract or fort, shall be limited to the amount pad by the client for the	GROU WAST SOIL OIL SLUD OTHE ACID/I ICE / C OTHE	R: BASE: PRES		Company: Attn: Address:	P.O. #:		
il changes to celey.keene@carc	BY: Turnaround Time: Stand	All Results are emailed. Pleas REMARKS: B:// Ep Auroche	30 dhys aller compilelion of the applicable neurod by client, ils cutaddanice, 20 stalod runsters or otherwise, 1 Verbal Result:	amount pad by file client for the	DATE TIME VIV	sampling Chloridel	Zip:		BILL TO		CHAIN-OF-CU
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Released to Imaging: 2/24/2023 9:55:40 AM



June 01, 2022

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

RE: CEDAR LAKE TRUNK LINE (TL)

Enclosed are the results of analyses for samples received by the laboratory on 05/25/22 9:01.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is 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. HAYES ADAMS 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102 Fax To: NA

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 1 (H222217-01)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.00	99.9	2.00	0.527	
Toluene*	<0.050	0.050	05/27/2022	ND	2.03	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.94	97.0	2.00	0.128	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	5.79	96.4	6.00	0.338	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	5120	16.0	05/27/2022	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	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	10.8	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	121	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	135	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 2 (H222217-02)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.00	99.9	2.00	0.527	
Toluene*	<0.050	0.050	05/27/2022	ND	2.03	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.94	97.0	2.00	0.128	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	5.79	96.4	6.00	0.338	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	3120	16.0	05/27/2022	ND	400	100	400	7.69	
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*	<10.0	10.0	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	216	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	187	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	116	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	151	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 3 (H222217-03)

BTEX 8021B	mg	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.00	99.9	2.00	0.527	
Toluene*	<0.050	0.050	05/27/2022	ND	2.03	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.94	97.0	2.00	0.128	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	5.79	96.4	6.00	0.338	
Total BTEX	<0.300	0.300	05/27/2022	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	7200	16.0	05/27/2022	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	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	129	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	73.3	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	104	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	123	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 4 (H222217-04)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	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	6530	16.0	05/27/2022	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	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	106	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 5 (H222217-05)

BTEX 8021B	mg	′kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	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	21000	16.0	05/27/2022	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	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	98.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 6 (H222217-06)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	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	5860	16.0	05/27/2022	ND	416	104	400	7.41	QM-07
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*	<10.0	10.0	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	357	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	129	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	116	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	160	% 59.5-14	2						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 7 (H222217-07)

BTEX 8021B	mg	′kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	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	4800	16.0	05/27/2022	ND	416	104	400	7.41	
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	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	40.8	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	30.3	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	112 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	128	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 9 (H222217-09)

BTEX 8021B	mg/	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	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	18000	16.0	05/27/2022	ND	416	104	400	7.41	
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	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	14.4	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	13.4	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 9	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 10 (H222217-10)

BTEX 8021B	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	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	17200	16.0	05/27/2022	ND	416	104	400	7.41	
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	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	111 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	122	% 59.5-14	2						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 11 (H222217-11)

BTEX 8021B	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	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	10800	16.0	05/27/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 9	59.5-14	2						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 12 (H222217-12)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	72000	16.0	05/27/2022	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	116	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	131	% 59.5-14	2						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 13 (H222217-13)

BTEX 8021B	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	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	3840	16.0	05/27/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	97.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 14 (H222217-14)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	23600	16.0	05/27/2022	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	117 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	134	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 15 (H222217-15)

BTEX 8021B	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	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	38000	16.0	05/27/2022	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	113 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	127	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 16 (H222217-16)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	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	4240	16.0	05/27/2022	ND	416	104	400	7.41	
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	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 9	59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 17 (H222217-17)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	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	3600	16.0	05/27/2022	ND	416	104	400	7.41	
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	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	105	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 18 (H222217-18)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	32800	16.0	05/27/2022	ND	416	104	400	7.41	
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	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	120	% 59.5-14	2						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 19 (H222217-19)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	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	2800	16.0	05/27/2022	ND	416	104	400	7.41	
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	05/27/2022	ND	195	97.5	200	3.29	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	205	103	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	114	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	127	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	05/25/2022	Sampling Date:	05/24/2022
Reported:	06/01/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE TRUNK LINE (TL)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 20 (H222217-20)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.07	104	2.00	1.68	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.42	107	6.00	1.38	
Total BTEX	<0.300	0.300	05/27/2022	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	7460	16.0	05/27/2022	ND	416	104	400	7.41	
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	05/27/2022	ND	194	96.8	200	1.63	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	185	92.5	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	107	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

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



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40 meter. In re-event shall can de under and any planc curso wind any marce shall be doemet where a unders mind by whice dimensional by the client let its 41 refiringuished By: Caster: 42 meter. Date: 44 refiringuished By: Date: 45 reference Received By: 45 reference Date: 46 meter Date: 47 refiringuished By: Date: 46 meter Date: 47 refiringuished By: Circle One) 46 moler: Descreted Temp. 40 (00 mole condition 47 refiringuished By: Corrected Temp. 40 (00 mole condition 48 refiringuished By: Corrected Temp. 40 (00 mole condition 49 refiringuished By: Corrected Temp. 40 (00 mole condition 40 refiringuished By: Corrected Temp. 40 (00 mole condition 44 refiringuished By: Corrected Temp. 40 (00 mole condition 44 refiringuished By: Corrected Temp. 40 (00 mole condition 44 refiringuished By: Corrected Temp. 40 (00 mole condition 44 ref	Address: // City: Phone #: Project Name: CDIAL (ALL) Project Name: CDIAL (ALL) Project Location: Coco Sampler Name: CDIAL (ALL) Fort Values owy Fort (All) Fort Values owy Coco Fort Values owy Coco <th>101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Project Manager:</th>	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Project Manager:
any exhilts out or exhilts out of the maximum pair by the clinat for the series of parties indicated by the clinate for the series of the applicated and	IWASTEWATER SOIL OIL SLUDGE OTHER: Active Active Active Solution States Tex. Tax. Trans. Totel Conter: Tip:	P.O. #: ANALYSIS REQUEST

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June 17, 2022

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

RE: CLFCA

Enclosed are the results of analyses for samples received by the laboratory on 06/14/22 16:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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



		BRUCE BA	IARLAND BLVD.		
		Fax To:	(575) 393-2432	2	
Received:	06/14/2022			Sampling Date:	06/13/2022
Reported:	06/17/2022			Sampling Type:	Soil
Project Name:	CLFCA			Sampling Condition:	Cool & Intact
Project Number:	CFLCA #2			Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN				

Sample ID: W. WALL (H222548-01)

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	06/15/2022	ND	2.19	109	2.00	7.80	
Toluene*	<0.050	0.050	06/15/2022	ND	2.17	108	2.00	7.64	
Ethylbenzene*	<0.050	0.050	06/15/2022	ND	2.09	104	2.00	7.66	
Total Xylenes*	<0.150	0.150	06/15/2022	ND	6.46	108	6.00	7.65	
Total BTEX	<0.300	0.300	06/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 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	<16.0	16.0	06/15/2022	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	06/15/2022	ND	168	84.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	06/15/2022	ND	167	83.4	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	06/15/2022	ND					
Surrogate: 1-Chlorooctane	84.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.8	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BRUCE BA	1arland BLVD.		
		Fax To:	(575) 393-2432	2	
Received:	06/14/2022			Sampling Date:	06/13/2022
Reported:	06/17/2022			Sampling Type:	Soil
Project Name:	CLFCA			Sampling Condition:	Cool & Intact
Project Number: Project Location:	CFLCA #2 NOT GIVEN			Sample Received By:	Tamara Oldaker

Sample ID: S. WALL (H222548-02)

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	06/15/2022	ND	2.19	109	2.00	7.80	
Toluene*	<0.050	0.050	06/15/2022	ND	2.17	108	2.00	7.64	
Ethylbenzene*	<0.050	0.050	06/15/2022	ND	2.09	104	2.00	7.66	
Total Xylenes*	<0.150	0.150	06/15/2022	ND	6.46	108	6.00	7.65	
Total BTEX	<0.300	0.300	06/15/2022	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	80.0	16.0	06/15/2022	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	06/15/2022	ND	168	84.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	06/15/2022	ND	167	83.4	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	06/15/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.0	% 59.5-14	2						

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



Received by OCD: 11/9/2022 1:44:46 PM

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June 22, 2022

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

RE: CEDAR LAKE

Enclosed are the results of analyses for samples received by the laboratory on 06/17/22 16:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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. MATTHEW LONGCRIER 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102 Fax To: NA

Received:	06/17/2022	Sampling Date:	06/17/2022
Reported:	06/22/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: A 4 (H222613-01)

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	06/21/2022	ND	1.86	93.0	2.00	3.29	
Toluene*	<0.050	0.050	06/21/2022	ND	1.87	93.4	2.00	3.27	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	1.79	89.5	2.00	3.19	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	5.59	93.1	6.00	3.61	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 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	272	16.0	06/21/2022	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	06/20/2022	ND	180	89.9	200	0.806	
DRO >C10-C28*	14.8	10.0	06/20/2022	ND	185	92.7	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	06/20/2022	ND					
Surrogate: 1-Chlorooctane	94.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - LOCO HILLS NM

		RX-SOIL INC. MATTHEW LONGCRIER 201 MAIN STREET, SUITE 1 FORT WORTH TX, 76102 Fax To: NA	360	
Received:	06/17/2022		Sampling Date:	06/17/2022
Reported:	06/22/2022		Sampling Type:	Soil
Project Name:	CEDAR LAKE		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker

Sample ID: A 5 (H222613-02)

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	06/21/2022	ND	1.86	93.0	2.00	3.29	
Toluene*	<0.050	0.050	06/21/2022	ND	1.87	93.4	2.00	3.27	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	1.79	89.5	2.00	3.19	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	5.59	93.1	6.00	3.61	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 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	368	16.0	06/21/2022	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	06/20/2022	ND	180	89.9	200	0.806	
DRO >C10-C28*	<10.0	10.0	06/20/2022	ND	185	92.7	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	06/20/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - LOCO HILLS NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

	201 MAIN	NC. / LONGCRIER STREET, SUITE RTH TX, 76102 NA	1360	
06/17/2022			Sampling Date:	06/17/2022
06/22/2022			Sampling Type:	Soil
CEDAR LAKE			Sampling Condition:	Cool & Intact

Sample ID: B 3 (H222613-03)

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	06/21/2022	ND	1.86	93.0	2.00	3.29	
Toluene*	<0.050	0.050	06/21/2022	ND	1.87	93.4	2.00	3.27	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	1.79	89.5	2.00	3.19	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	5.59	93.1	6.00	3.61	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 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	544	16.0	06/21/2022	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	06/20/2022	ND	180	89.9	200	0.806	
DRO >C10-C28*	<10.0	10.0	06/20/2022	ND	185	92.7	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	06/20/2022	ND					
Surrogate: 1-Chlorooctane	98.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - LOCO HILLS NM

		RX-SOIL INC. MATTHEW LONGCRIER 201 MAIN STREET, SUITE 1 FORT WORTH TX, 76102 Fax To: NA	1360	
Received:	06/17/2022		Sampling Date:	06/17/2022
Reported:	06/22/2022		Sampling Type:	Soil
Project Name:	CEDAR LAKE		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker

Sample ID: B 4 (H222613-04)

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	06/21/2022	ND	1.86	93.0	2.00	3.29	
Toluene*	<0.050	0.050	06/21/2022	ND	1.87	93.4	2.00	3.27	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	1.79	89.5	2.00	3.19	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	5.59	93.1	6.00	3.61	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 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	480	16.0	06/21/2022	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	06/20/2022	ND	180	89.9	200	0.806	
DRO >C10-C28*	14.5	10.0	06/20/2022	ND	185	92.7	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	06/20/2022	ND					
Surrogate: 1-Chlorooctane	98.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - LOCO HILLS NM

Sample Received By:

Intact

Tamara Oldaker

Analytical Results For:

		RX-SOIL INC. MATTHEW LONGCRI 201 MAIN STREET, S FORT WORTH TX, 7 Fax To: NA	SUITE 1360	
Received:	06/17/2022		Sampling Date:	06/17/2022
Reported:	06/22/2022		Sampling Type:	Soil
Project Name:	CEDAR LAKE		Sampling Condition:	Cool & Intact

Sample ID: B 5 (H222613-05)

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	06/21/2022	ND	1.86	93.0	2.00	3.29	
Toluene*	<0.050	0.050	06/21/2022	ND	1.87	93.4	2.00	3.27	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	1.79	89.5	2.00	3.19	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	5.59	93.1	6.00	3.61	
Total BTEX	<0.300	0.300	06/21/2022	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	224	16.0	06/21/2022	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	06/20/2022	ND	208	104	200	3.62	
DRO >C10-C28*	<10.0	10.0	06/20/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	06/20/2022	ND					
Surrogate: 1-Chlorooctane	121	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	124	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	RX-SOIL INC. MATTHEW LONGCRI 201 MAIN STREET, S FORT WORTH TX, 76 Fax To: NA	SUITE 1360	
Received:	06/17/2022	Sampling Date:	06/17/2022
Reported:	06/22/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: B 6 (H222613-06)

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	06/21/2022	ND	1.86	93.0	2.00	3.29	
Toluene*	<0.050	0.050	06/21/2022	ND	1.87	93.4	2.00	3.27	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	1.79	89.5	2.00	3.19	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	5.59	93.1	6.00	3.61	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	416	16.0	06/21/2022	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	06/21/2022	ND	208	104	200	3.62	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	119 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - LOCO HILLS NM

		RX-SOIL INC. MATTHEW LONGCRIER 201 MAIN STREET, SUITE FORT WORTH TX, 76102 Fax To: NA	1360	
Received:	06/17/2022		Sampling Date:	06/17/2022
Reported:	06/22/2022		Sampling Type:	Soil
Project Name:	CEDAR LAKE		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker

Sample ID: C 1 (H222613-07)

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	06/21/2022	ND	1.86	93.0	2.00	3.29	
Toluene*	<0.050	0.050	06/21/2022	ND	1.87	93.4	2.00	3.27	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	1.79	89.5	2.00	3.19	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	5.59	93.1	6.00	3.61	
Total BTEX	<0.300	0.300	06/21/2022	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	544	16.0	06/21/2022	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	06/21/2022	ND	208	104	200	3.62	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	115 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	FORT WORTI	DNGCRIER REET, SUITE 1360	
Received:	06/17/2022	Sampling Date:	06/17/2022
Reported:	06/22/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: C 3 (H222613-08)

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	06/21/2022	ND	1.86	93.0	2.00	3.29	
Toluene*	<0.050	0.050	06/21/2022	ND	1.87	93.4	2.00	3.27	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	1.79	89.5	2.00	3.19	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	5.59	93.1	6.00	3.61	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 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	464	16.0	06/21/2022	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	06/21/2022	ND	208	104	200	3.62	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	117 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CEDAR LAKE

NOT GIVEN

APACHE CORP - LOCO HILLS NM

Cool & Intact

Tamara Oldaker

Sampling Condition:

Sample Received By:

Analytical Results For:

	RX-SOIL IN	NC.		
	MATTHEW	LONGCRIER		
	201 MAIN	STREET, SUIT	TE 1360	
	FORT WOF	RTH TX, 76102	2	
	Fax To:	NA		
06/17/2022			Sampling Date:	06/17/2022
06/22/2022			Sampling Type:	Soil

Sample ID: C 4 (H222613-09)

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	06/20/2022	ND	1.91	95.5	2.00	3.65	
Toluene*	<0.050	0.050	06/20/2022	ND	1.91	95.7	2.00	3.58	
Ethylbenzene*	<0.050	0.050	06/20/2022	ND	1.91	95.4	2.00	3.03	
Total Xylenes*	<0.150	0.150	06/20/2022	ND	5.94	99.1	6.00	2.78	
Total BTEX	<0.300	0.300	06/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	400	16.0	06/21/2022	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	06/21/2022	ND	208	104	200	3.62	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	113 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - LOCO HILLS NM

Sample Received By:

Intact

Tamara Oldaker

Analytical Results For:

		RX-SOIL INC. MATTHEW LONGCR 201 MAIN STREET, FORT WORTH TX, 7 Fax To: NA	SUITE 1360	
Received:	06/17/2022		Sampling Date:	06/17/2022
Reported:	06/22/2022		Sampling Type:	Soil
Project Name:	CEDAR LAKE		Sampling Condition:	Cool & Intact

Sample ID: C 6 (H222613-10)

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	06/20/2022	ND	1.91	95.5	2.00	3.65	
Toluene*	<0.050	0.050	06/20/2022	ND	1.91	95.7	2.00	3.58	
Ethylbenzene*	<0.050	0.050	06/20/2022	ND	1.91	95.4	2.00	3.03	
Total Xylenes*	<0.150	0.150	06/20/2022	ND	5.94	99.1	6.00	2.78	
Total BTEX	<0.300	0.300	06/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	06/21/2022	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	06/21/2022	ND	208	104	200	3.62	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	118 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	122	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - LOCO HILLS NM

		RX-SOIL INC. MATTHEW LONGCRIER 201 MAIN STREET, SUITE FORT WORTH TX, 76102 Fax To: NA	1360	
Received:	06/17/2022		Sampling Date:	06/16/2022
Reported:	06/22/2022		Sampling Type:	Soil
Project Name:	CEDAR LAKE		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker

Sample ID: A 6 (H222613-11)

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	06/20/2022	ND	1.91	95.5	2.00	3.65	
Toluene*	<0.050	0.050	06/20/2022	ND	1.91	95.7	2.00	3.58	
Ethylbenzene*	<0.050	0.050	06/20/2022	ND	1.91	95.4	2.00	3.03	
Total Xylenes*	<0.150	0.150	06/20/2022	ND	5.94	99.1	6.00	2.78	
Total BTEX	<0.300	0.300	06/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-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	06/21/2022	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	06/21/2022	ND	208	104	200	3.62	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	RX-SOIL INC.
	MATTHEW LONGCRIER
	201 MAIN STREET, SUITE 1360
	FORT WORTH TX, 76102
	Fax To: NA
06/17/2022	Sampling Date:

Received:	06/17/2022	Sampling Date:	06/16/2022
Reported:	06/22/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: B 1 (H222613-12)

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	06/20/2022	ND	1.91	95.5	2.00	3.65	
Toluene*	<0.050	0.050	06/20/2022	ND	1.91	95.7	2.00	3.58	
Ethylbenzene*	<0.050	0.050	06/20/2022	ND	1.91	95.4	2.00	3.03	
Total Xylenes*	<0.150	0.150	06/20/2022	ND	5.94	99.1	6.00	2.78	
Total BTEX	<0.300	0.300	06/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	704	16.0	06/21/2022	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	06/21/2022	ND	208	104	200	3.62	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	118 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	121 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	RX-SOIL INC.	
	MATTHEW LONGCRIER	
	201 MAIN STREET, SUITE 1360	
	FORT WORTH TX, 76102	
	Fax To: NA	
06/17/2022	Sampling Date:	
00/17/2022	Compling Type:	

Received:	06/17/2022	Sampling Date:	06/16/2022
Reported:	06/22/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: B 2 (H222613-13)

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	06/20/2022	ND	1.91	95.5	2.00	3.65	
Toluene*	<0.050	0.050	06/20/2022	ND	1.91	95.7	2.00	3.58	
Ethylbenzene*	<0.050	0.050	06/20/2022	ND	1.91	95.4	2.00	3.03	
Total Xylenes*	<0.150	0.150	06/20/2022	ND	5.94	99.1	6.00	2.78	
Total BTEX	<0.300	0.300	06/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	352	16.0	06/21/2022	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	06/21/2022	ND	208	104	200	3.62	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	112 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - LOCO HILLS NM

Sample Received By:

Intact

Tamara Oldaker

Analytical Results For:

		RX-SOIL INC. MATTHEW LONGCRIE 201 MAIN STREET, SI FORT WORTH TX, 76 Fax To: NA	UITE 1360	
Received:	06/17/2022		Sampling Date:	06/16/2022
Reported:	06/22/2022		Sampling Type:	Soil
Project Name:	CEDAR LAKE		Sampling Condition:	Cool & Intact

Sample ID: C 5 (H222613-14)

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	06/20/2022	ND	1.91	95.5	2.00	3.65	
Toluene*	<0.050	0.050	06/20/2022	ND	1.91	95.7	2.00	3.58	
Ethylbenzene*	<0.050	0.050	06/20/2022	ND	1.91	95.4	2.00	3.03	
Total Xylenes*	<0.150	0.150	06/20/2022	ND	5.94	99.1	6.00	2.78	
Total BTEX	<0.300	0.300	06/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	544	16.0	06/21/2022	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	06/21/2022	ND	208	104	200	3.62	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	115 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	59.5-14	2						

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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

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Laboratories

CHAIN-OF-CUSTODY AND A NALYSIS REQUEST

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

Company Name:	RXSDII	RILL TO	- 6
Project Manager:	Matr		
Address:		Company: Apple	
City:	State:		
Phone #:	Fax #:	Address	
Project #:	Project Owner:	N. N. M. D. State of the Low Strength	
Project Name:	Codar Luke		+
Project Location:	Loco Hills	#	
Sampler Name:	Matt	Fax #:	
FOR LABUSE ONLY		MATRIX	lg
Lab I.D. H222613	Sample I.D.	(G)RAB OR (C)OA # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TPH Btex Chiovi
191	154	2 1/9 ×	
4 89	ne o		
16 3	6		
200-	3		
	Condinate liability and clinate and university for may	16 C C	X - X
Gendes, in provent incoming invoir the pulpoper and any on gendes, in provent shall Chridinal be Table for includinal or co- diffective , concentration and for related to the performance Relincourscher Rv.	requipance cano any onitor carso witalisoever sitali to do tolo far incidental or consequential darrages, including vi content to performance of services treventuler by Can	sprice. Is no event shall Cancing used on indigusce and only once carso while ower shall be doerned waked unless made in witing and received by Cautinat within 30 days after completion of the opplication, is no event shall Cancing ability and in including that or including that one sequential damages. Including without limitation, business hour updates of particle are best of particle and in writing and received by clear, it cancellation, and the opplication of the	No poplicalda Alex, Je
		214	suft:
: 11/9/20 Refinquished BV:	Date:	Received By: REMARKS:	
Delive	other: Corrected Temp. °C	92 Sample Condition CHECKED BY:	Standard P
1-121 (101-003-7-C3-1-06004)20		Cardinal cannot accept verbal obanges. Please email changes to coloy, keeno@cardInallabsnm,com	loy.keene@cardinallabsnm.com

Page 66 of 92

Received by OCD: 11/9/2022 1:44:46 PM

Project Manager: Address:	: matt		P.O. #		-	
Address:				-		
			Company: Aprive	de la	_	ine in Del
City:	State:	Zip:	Attn: Brace Bellev			540 101
Phone #:	Fax #:		Address:		_	- 10 /1 ic
Project #:	Project Owner:	er:	City:			
Project Name:	Coder Lake		State: Zip:		-	
Project Location:	Loco H		#		_	
Complex Name	11.0		Eav #.			
Sampler Name:	MATT		1		_	
FOR LAB USE ONLY		10.00	PRESERV. SAMPLING			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	TIME Chlor	TPH Blec	
11	A6	×		\$:00 ×	X X	1
12	18	×			1 1	
2J	BZ	ĸ				
14	C7	~	6/14	5:00 K	5	
34					112	0.10
				i șe c	100	Pe
	100			10	210	
	0.000			ing late		
PLEASE NOTE: Liability and analyses. All claims including to	PLEASE NOTE: Liability and Damages. Cardinal's fability and client's exclusive remedy for any claim articing whether based in contract or fort, shall be finited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the application of	r any claim arising whether based in contrad re deemed walved unless made in writing an	ct or tort, shall be limited to the amount pain nd received by Cardinal within 30 days after	id by the client for the or completion of the applica	ble	
affiliates or successors arising	service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, koss of use, or loss of profits incurred by chent, its subsidiaries at liable so 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.	r Cardinal, regardless of whether such claim	his based upon any of the above stated rei	client, its subsidiaries, asons or otherwise.		
Relinquished By:	telinguished By: Time: telinguished By: Time: Time: Time:	Received By: Received By: Received By: Received By:	and based upon any of the above stated to	Phone Result: Fax Result: REMARKS:	□ Yes □ No	Add'l Phone #: Add'l Fax #:
Delivered By: (Circle One)	-0.42)	2-0, Se Sample Condition	CHECKED BY:			
Sampler - UPS -	Bus - Other: (- 0.9 2	#113 TYes Pres				

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 18 of 18

Page 67 of 92

Cardinal cannot accent verbal channes Please fav written channes to (575) 303-2326



June 29, 2022

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

RE: CEDAR LAKE

Enclosed are the results of analyses for samples received by the laboratory on 06/23/22 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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. MATTHEW LONGCRIER 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102 Fax To: NA

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/29/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: A 1 (H222704-01)

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	06/25/2022	ND	2.04	102	2.00	0.655	
Toluene*	<0.050	0.050	06/25/2022	ND	2.01	100	2.00	0.690	
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.95	97.6	2.00	0.399	
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.75	95.8	6.00	1.11	
Total BTEX	<0.300	0.300	06/25/2022	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	352	16.0	06/27/2022	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	06/25/2022	ND	207	104	200	2.08	
DRO >C10-C28*	<10.0	10.0	06/25/2022	ND	216	108	200	0.895	
EXT DRO >C28-C36	<10.0	10.0	06/25/2022	ND					
Surrogate: 1-Chlorooctane	104	% 43-149)						
Surrogate: 1-Chlorooctadecane	129	% 42.5-16	1						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - LOCO HILLS NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

	201 MAIN	NC. / LONGCRIER STREET, SUIT RTH TX, 76102 NA		
06/23/2022			Sampling Date:	06/23/2022
06/29/2022			Sampling Type:	Soil
CEDAR LAKE			Sampling Condition:	Cool & Intact

Sample ID: A 2 (H222704-02)

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	06/25/2022	ND	2.04	102	2.00	0.655	
Toluene*	<0.050	0.050	06/25/2022	ND	2.01	100	2.00	0.690	
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.95	97.6	2.00	0.399	
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.75	95.8	6.00	1.11	
Total BTEX	<0.300	0.300	06/25/2022	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	448	16.0	06/27/2022	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	06/25/2022	ND	207	104	200	2.08	
DRO >C10-C28*	<10.0	10.0	06/25/2022	ND	216	108	200	0.895	
EXT DRO >C28-C36	<10.0	10.0	06/25/2022	ND					
Surrogate: 1-Chlorooctane	109 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	135 9	42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - LOCO HILLS NM

Sample Received By:

Intact

Tamara Oldaker

Analytical Results For:

		RX-SOIL INC. MATTHEW LONGCR 201 MAIN STREET, FORT WORTH TX, 7 Fax To: NA	SUITE 1360	
Received:	06/23/2022		Sampling Date:	06/23/2022
Reported:	06/29/2022		Sampling Type:	Soil
Project Name:	CEDAR LAKE		Sampling Condition:	Cool & Intact

Sample ID: A 3 (H222704-03)

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	06/25/2022	ND	2.04	102	2.00	0.655	
Toluene*	<0.050	0.050	06/25/2022	ND	2.01	100	2.00	0.690	
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.95	97.6	2.00	0.399	
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.75	95.8	6.00	1.11	
Total BTEX	<0.300	0.300	06/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	240	16.0	06/27/2022	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	06/27/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/27/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/27/2022	ND					
Surrogate: 1-Chlorooctane	119 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	145 9	42.5-16	1						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - LOCO HILLS NM

Sample Received By:

Tamara Oldaker

Analytical Results For:

06/29/2022 Sampling Type: Soil			FORT WORT	ONGCRIER FREET, SUITE 1	360	
		06/23/2022			Sampling Date:	06/23/2022
CEDAD LAKE Conditions Cool 9		06/29/2022			Sampling Type:	Soil
. CEDAR LAKE Sampling Condition. Cool of	:	CEDAR LAKE			Sampling Condition:	Cool & Intact

Sample ID: B 1 (H222704-04)

Received:

Reported: Project Name:

Project Number:

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	06/25/2022	ND	2.04	102	2.00	0.655	
Toluene*	<0.050	0.050	06/25/2022	ND	2.01	100	2.00	0.690	
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.95	97.6	2.00	0.399	
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.75	95.8	6.00	1.11	
Total BTEX	<0.300	0.300	06/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	736	16.0	06/27/2022	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	06/28/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/28/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/28/2022	ND					
Surrogate: 1-Chlorooctane	79.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.8	% 42.5-16	1						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


CEDAR LAKE

NOT GIVEN

APACHE CORP - LOCO HILLS NM

Cool & Intact

Tamara Oldaker

Sampling Condition:

Sample Received By:

Analytical Results For:

	RX-SOIL INC.		
	MATTHEW LOI	NGCRIER	
	201 MAIN STR	EET, SUITE 1360	
	FORT WORTH	TX, 76102	
	Fax To: N	A	
06/23/2022		Sampling Date:	06/23/2022
06/29/2022		Sampling Type:	Soil

Sample ID: D	1 (H222704-05)	

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	06/25/2022	ND	2.04	102	2.00	0.655	
Toluene*	<0.050	0.050	06/25/2022	ND	2.01	100	2.00	0.690	
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.95	97.6	2.00	0.399	
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.75	95.8	6.00	1.11	
Total BTEX	<0.300	0.300	06/25/2022	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	560	16.0	06/27/2022	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	06/28/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/28/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/28/2022	ND					
Surrogate: 1-Chlorooctane	90.3 %	6 43-149)						
Surrogate: 1-Chlorooctadecane	104 %	6 42.5-16							

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - LOCO HILLS NM

		RX-SOIL INC. MATTHEW LONGCRIER 201 MAIN STREET, SUITE FORT WORTH TX, 76102 Fax To: NA	1360	
Received:	06/23/2022		Sampling Date:	06/23/2022
Reported:	06/29/2022		Sampling Type:	Soil
Project Name:	CEDAR LAKE		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker

Sample ID: D 2 (H222704-06)

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	06/25/2022	ND	2.04	102	2.00	0.655	
Toluene*	<0.050	0.050	06/25/2022	ND	2.01	100	2.00	0.690	
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.95	97.6	2.00	0.399	
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.75	95.8	6.00	1.11	
Total BTEX	<0.300	0.300	06/25/2022	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	480	16.0	06/27/2022	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	06/28/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	10.4	10.0	06/28/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/28/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	96.3	% 42.5-16	1						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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Celey D. Keene, Lab Director/Quality Manager

RDINAL Doratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by OCD: 11/9/2022 1:44:46 PM

Delivered By: (Circle One) Sampler - UPS - Bus - Ot	Relingujshed By:	They	affiliates or successors arising out of Relinguished Ry	PLEASE NOTE: Liability and Dam analyses. All claims including those		60	3	4	W I	2	Haraband	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:
One) Observed Temp. °C - Other: Corrected Temp. °C	Date: Time:	Time:	service. In no event shall Cardinal be liable for incidential or consequential damages, including vehicles, tribution, 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 Cardinau, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Refinance in the second services hereunder by Cardinau, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Refinance is the second service of services hereunder by Cardinau, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	PLEASE NOTE: Lability and Damages. Cardina's lability 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 whetsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicit		DA		BI HA	A3	14		Sample I.D.		Hayes	Loco Hills	educ Lake Cell	Project Owner:	Fax #:	State:		Hayes Adams	KKSor!
-1.6 Sample Condition Cool Intact 2.3 Yes Yes	Received By:	1	Ing without limitation, business interruptions, loss (Cardinal, regardless of whether such claim is ba	r any claim arising whether based in contract re deemed waived unless made in writing and							# CC		R				ler:		Zip:			
on CHECKED BY: (Initials)		Mallac	is based upon any of the above stated real	or tort, shall be limited to the amount pair I received by Cardinal within 30 days after						500	ICE /	/BASE: COOL	PRESERV. SAM	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn:	Company:	P.O. #:	BILL TO
Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor -0.5°C	REMARKS: Bill to Ap	verbai Kesuit: □ res □ no □Add1 Phone #: All Results are emailed. Please provide Email address:		by the client for the completion of the applicable						14pm	TIME	-	Corrections to the state	de	5							
d A Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Ves Yes No No Corrected Temp. °C	ache Bruce BAKEN	oAaq i Pnone #: rovide Email address:																				ANALYSIS REQUEST

75 Released to Imaging: 2/24/2023 9:55:40 AM Page 76 of 92



June 30, 2022

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

RE: CEDAR LAKE

Enclosed are the results of analyses for samples received by the laboratory on 06/28/22 16:49.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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. HAYES ADAMS 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102 Fax To: NA 06/20/2022 Sampling Date:

Received:	06/28/2022	Sampling Date:	06/27/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE	Sampling Condition:	Cool & Intact
Project Number:	LOCO HILLS	Sample Received By:	Tamara Oldaker
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: C 2 (H222770-01)

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	06/30/2022	ND	2.10	105	2.00	5.69	
Toluene*	<0.050	0.050	06/30/2022	ND	2.06	103	2.00	5.77	
Ethylbenzene*	<0.050	0.050	06/30/2022	ND	2.04	102	2.00	5.92	
Total Xylenes*	<0.150	0.150	06/30/2022	ND	6.19	103	6.00	6.09	
Total BTEX	<0.300	0.300	06/30/2022	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	640	16.0	06/29/2022	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	06/29/2022	ND	199	99.5	200	10.8	
DRO >C10-C28*	15.0	10.0	06/29/2022	ND	255	127	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					
Surrogate: 1-Chlorooctane	94.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	105 9	42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received by OCD: 11/9/2022 1:44:46 PM

Hobbs, NM 88240 AX (575) 393-2476 BILL TO State: Zip: Attn: Fax #: Zip: Attn: Fax #: Company: Address: Project Owner: City: State: Zip: Address: City: Project Owner: City: State: Zip: Address: City: Phone #: Fax #: Fax #: Company: State: Zip: Phone #: Fax #: Fax #: Company: State: Zip: Phone #: Fax #: Fax #: Company: State: Zip: Phone #: Fax #: Fax #: Company: State: Zip: Protect Gip Rab OR (C) COMP. Fax #: Not Fax #: Gip Rab OR (C) COMP. Fax #: Company: Gip Rab OR (C) COMP. Fax #: Not Fax #: Gip Rab OR (C) COMP. Fax #: Not Fax #: Gip Rab OR (C) COMP. Fax #: Not Fax #: Gip Rab OR (C) COMP. Fax #: Not Fax #: Gip Rab OR (C) COMP. Fax #: Not Fax #: Gip Rab OR (C) COMP. Fax #: Not Fax #:	Algebra BILL TO Algebra P.O. #: State: Zip:: Fax #: Zip:: Fax #: Company: Fax #: City: Project Owner: City: I.D. City: Group And City: State: Zip: Address: Project Owner: City: I.D. City: Group And City: Presserv State: Zip: Fax #: Presserv Fax #: Presserv Group And City: Presserv J.D. City: Group And City: Presserv Sample Contrainters Oit L J.D. Date: Time: Soil J.D. City: Time: Soil Date: Received B: Time: Norder Soil Date: Received B: Time: Nites Time: Nites Condition City: City: City: Time: City: Time: City: Time: City: Time: City: City: City: <td< th=""><th>PLEASE NOTE: Liability and Damages. Cardinal's liability and analyses. All claims including those for negligence and any oth service. In no event shall Cardinal be liable for incidental or co- artilates or successors arising out of or related to the performan Relinquished By: Relinquished By: Delivered By: (Circle One)</th><th>1</th><th>FOR LAB USE ONLY</th><th>Sampler Name:</th><th>Project Name: Project Location:</th><th>Project #:</th><th>Phone #:</th><th>City:</th><th>Address:</th><th>Project Manager:</th><th>Company Name: (5</th></td<>	PLEASE NOTE: Liability and Damages. Cardinal's liability and analyses. All claims including those for negligence and any oth service. In no event shall Cardinal be liable for incidental or co- artilates or successors arising out of or related to the performan Relinquished By: Relinquished By: Delivered By: (Circle One)	1	FOR LAB USE ONLY	Sampler Name:	Project Name: Project Location:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name: (5
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BILL TO P.O. #: Company: Address: City: State: Zip: PRESERV. State: Preserv: Content and the finded to the annour paid by the cleant to th	ANALYSIS REQUE	edy for any claim arising whether based in contra shall be deemed walwed unless made in wrifing ar including without initiation, business interruption rider by Cardinal, regardless of whether such claid 22 Received By: Received By: Received By: Cool Intaci Cool Intaci		# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL			wner:		Zip:			3-2476
TIME Trompleten of the subscription of the sub	ANALYSIS REQUE	ition CHECKED BY:	t t/s	OTHER : ACID/BASE: ICE / COOL OTHER :		#		Address:	Attn:	Company:	P.O. #:	
		All Results are emailed. Plea REMARKS: REMARKS: Turnaround Time: Remometer ID #113	John X X X	Chlorid TPH								



June 30, 2022

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

RE: CEDAR LAKE

Enclosed are the results of analyses for samples received by the laboratory on 06/30/22 8:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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. HAYES ADAMS 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102 Fax To: NA

Received:	06/30/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE	Sampling Condition:	Cool & Intact
Project Number:	LOCO HILLS	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: B 1 (H222800-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/30/2022	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the sample 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



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

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

Cardinal Laboratories

*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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

City: Project Manager: Company Name: Project Name: Project #: Phone #: Sampler Name: Project Location: Address: analyses. All claims including those LEASE NOTE: Lial FOR LAB USE ONLY Lab I.D. 008EEE ellar 475 000 XUO! HAYES HOAMS Sample I.D. and any Hill illy and client's ex other cause whatsoever alle Fax #: Project Owner: State: remedy for any claim shall be dee Zip (G)RAB OR (C)OMP # CONTAINERS Naived arising whether GROUNDWATER unless made in writing and received by Cardinal within 30 days after completion of the applicable n, business interruptions, loss of use, or loss of profits incurred by client, its subsidiarities, WASTEWATER MATRIX SOIL OIL SLUDGE P.O. #: State: City: Fax #: Attn: OTHER Phone #: Address: Company: ACID/BASE PRESERV. ICE / COOL BILL OTHER Zip: 6123 DATE 10 SAMPLING paid by the client for the lagar TIME Chloriche ANALYSIS REQUEST

Received by OCD: 11/9/2022 1:44:46 PM

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Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Corrected Temp. °C Observed Temp. °C

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Cool Intact Sample Condition

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CHECKED BY:

Turnaround Time:

Standard

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Corrected Temp. °C

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(Initials)

Thermometer ID #113 Correction Factor -0.5°C

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Date

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All Results are emailed. Please provide Email address:

Verbal Result:

□ Yes

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Add'l Phone #:

REMARKS:

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Date: Time:

Received By

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service. In no event shall Cardinal be liable

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDIN

aboratories



July 07, 2022

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

RE: CEDAR LAKE

Enclosed are the results of analyses for samples received by the laboratory on 07/06/22 16:20.

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



Analytical Results For:

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

Received:	07/06/2022	Sampling Date:	07/06/2022
Reported:	07/07/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE	Sampling Condition:	** (See Notes)
Project Number:	LOCO HILLS	Sample Received By:	Tamara Oldaker
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: C 2 (H222897-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/07/2022	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Date: Holp Received By: Verbal Result: Yes No Add I Phone #: Time: Tim	I OTHE OUT IT OF	t Cardinal c	Cardinal cannot accept verbal changes. Please email changes to celev.keene@cardinallabsnm.com	es. Please email chan	no to salay kaona@navdinallahe	nm com

APPENDIX F

SITE PHOTOGRAPH

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END OF REPORT

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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	157426
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By Condition

We have received your closure report and final C-141 for Incident #NAPP2107730944 CLFCA TRUNK LINE, thank you. This closure is approved. 2/24/2023 rhamlet

CONDITIONS

Action 157426

Condition Date