Page 6

Oil Conservation Division

Incident ID	nAPP2114756542
District RP	
Facility ID	
Application ID	

Closure

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

<u>Closure Report Attachment Checklist:</u> Each of the following items must be included in the closure report.

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

 \square Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Larry Baker	Title: Environmental Tech Sr. Staff					
Signature:	Date: 11/9/2022					
email: larry.baker@apachecorp.com	Telephone: <u>432-215-2284</u>					
OCD Only						
Received by: Robert Hamlet	Date: 2/27/2023					
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: 2/27/2023					
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced					

Closure Request



Apache Corporation

CLFCA Trunk Line 2

nAPP2114756542

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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 05/13/2021 in Unit Letter F, Section 23, Township 17S, Range 30E (see *Figure 1* for Vicinity Map) at approximate coordinates 32.82320, -103.94684. It was reported that 55 barrels of produced water were released, and 0 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 117' at coordinates 32.82340, -103.94693 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 06/30/2021 and 08/02/2021, with all data provided in the approved Work Plan. The release was sampled down to a depth of 30'. 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. 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, nAPP2107730944, and nAPP2117355043.

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. Floor samples were delineated and excavated to 4' BGS and then to 20,000 mg/kg chloride. Sidewall and floor samples represented no more than 200 square feet. Following excavation, 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*.

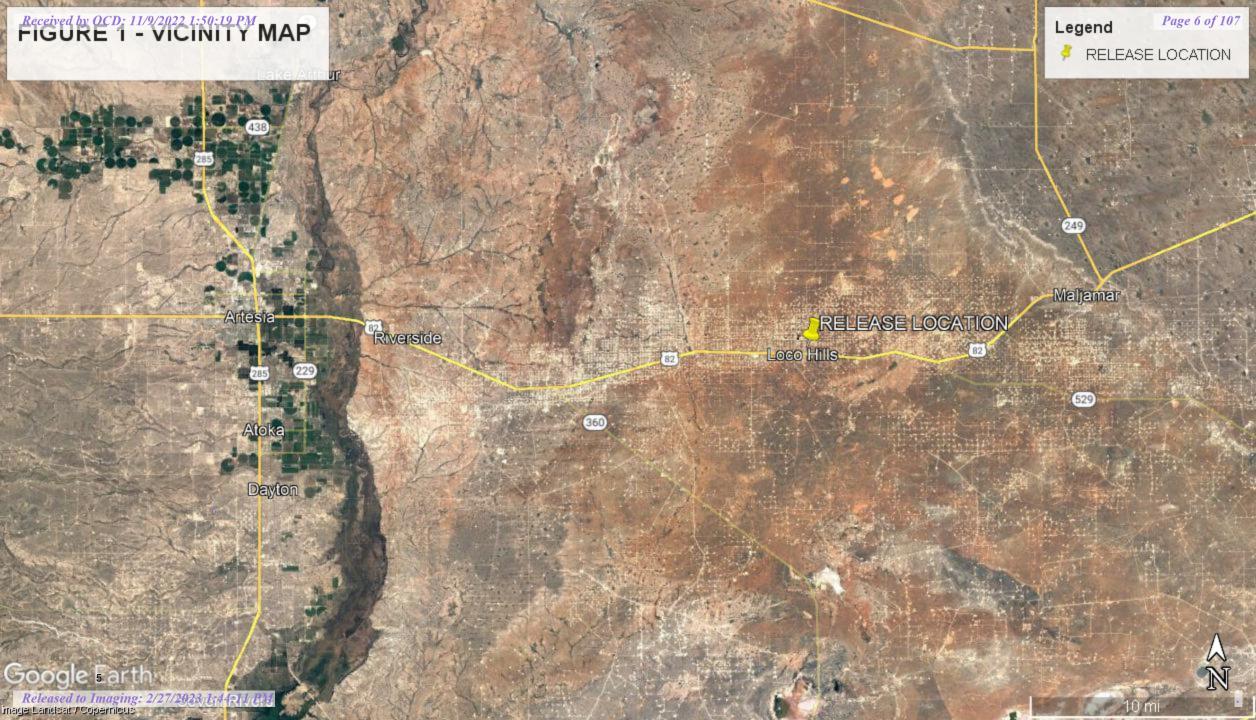
Sidewall and bottom samples were taken using a stainless-steel hand shovel while remediation samples were taken using a stainless-steel bucket auger. All tools were decontaminated before each sample, as specified in *Field Equipment Cleaning and Decontamination* (EPA, 2015). This includes wiping the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

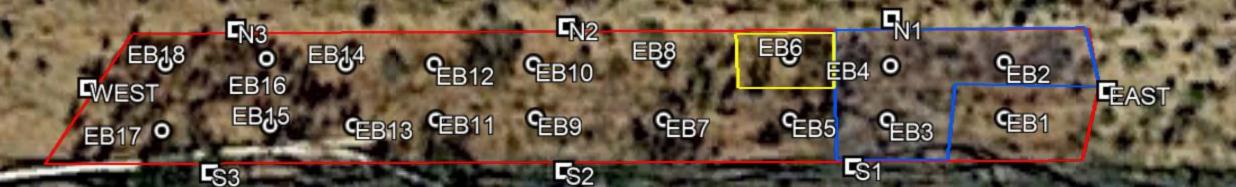
Following remediation, RXSoil prepared the pasture and reseeded with BLM #2. The disturbed area will be monitored to ensure revegetation is achieved.

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









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APPENDIX A

C-141

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Oil Conservation Division

Incident ID	nAPP2114756542
District RP	
Facility ID	
Application ID	

Closure

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

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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.

Printed Name: Larry Baker	Title: Environmental Tech Sr. Staff
Signature:	Date: 11/9/2022
email: larry.baker@apachecorp.com	Telephone: <u>4</u> 32-215-2284
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

APPENDIX B

DEPTH TO GROUNDWATER DATA

Desert Sand Water Well Services, LLC.

Soil Bore Report

ofu	Customer:				Phone:	Date:			
General / Well Info	Dimondl	back Dispos	al/Apacho	e Corp.	575-631-9586	8/2/21			
al/	Well Name	·			Location:				
Gener	CLFCA	WATER TH	RANSFEI	R LINE	32.823401, -103.946934				
	D	EPTH		<u> </u>					
	FROM	TO	THICKNESS (feet)	COLOR	AND TYPE OF MATERIAL ENCOUNTERED - IN BEARING CAVITIES OR FRACTURES	CLUDE WATER			
	0	7	7		TOP SOIL				
	7	20	13		CALECHE				
	20	55	25		RED SAND / ROCK				
	55	60	5		RED CLAY				
	60	80	20		RED SAND WITH RED CALY STRINGE	25			
	- 80	117	37		RED CLAY / GRAVEL				
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00				PLUGGEI	FROM THE BOTTOM OF THE HOLE TO T	HE TOP WITH			
					AN NATURAL FILL AND 3/8 HOLE PLUG (
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	I								

1118 West Broadway Place

APPENDIX C

DELINEATION SUMMARY TABLE

	Cedar Lake Water Transfer Line													
					Chloride	Benzene	-	Ethylbenzene	Xylenes	BTEX	GRO	DRO	EXT DRO	ТРН
Sample Name	Sample Type	Sample Date	Received	Lab ID Sample	Method 4500			8021B	,			80:	15M	
EB1	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-01	3600	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB2	BOTTOM, 4'	5/24/2022	5/25/2022	H222219-01	48800	<0.050	< 0.050	< 0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB2	BOTTOM, 5'	6/14/2022	6/14/2022	H222547-02	14000	-	-	-	-	-	-	-	-	-
EB3	BOTTOM, 4'	5/24/2022	5/25/2022	H222219-02	44000	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB3	BOTTOM, 5'	6/14/2022	6/14/2022	H222547-01	6160	-	-	-	-	-	-	-	-	-
EB4	BOTTOM, 4'	5/24/2022	5/25/2022	H222219-03	52800	<0.050	<0.050	< 0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB4	BOTTOM, 5'	6/14/2022	6/14/2022	H222545-02	20000	-	-	-	-	-	-	-	-	-
EB5	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-05	12000	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB6	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-06	33600	<0.050	<0.050	< 0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB6	BOTTOM, 5'	6/14/2022	6/14/2022	H222545-01	39600	-	-	-	-	-	-	-	-	-
EB6	BOTTOM, 8'	6/15/2022	6/15/2022	H222573-01	4880	-	-	-	-	-	-	-	-	-
EB7	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-07	9200	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB8	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-08	7060	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB9	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-09	1200	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB10	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-10	4320	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB11	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-02	1650	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB12	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-03	3440	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB13	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-04	416	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB14	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-11	3200	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB15	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-12	2560	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB16	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-13	1300	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB17	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-14	32.0	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
EB18	BOTTOM, 4'	5/19/2022	5/20/2022	H222148-15	48.0	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
WT North 1	SIDEWALL	5/16/2022	5/19/2022	H222079-01	224	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
N2	SIDEWALL	6/14/2022	6/14/2022	H222547-03	32.0	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
WT North 3	SIDEWALL	5/16/2022	5/19/2022	H222079-02	304	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
WT South 1	SIDEWALL	5/16/2022	5/19/2022	H222079-03	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
WT South 2	SIDEWALL	5/16/2022	5/19/2022	H222079-04	80.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30
WT South 3	SIDEWALL	5/16/2022	5/19/2022	H222079-05	304	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
WT East	SIDEWALL	5/16/2022	5/19/2022	H222079-06	32.0	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30
WT West	SIDEWALL	5/16/2022	5/19/2022	H222079-07	48.0	<0.050	<0.050	<0.050	<0.150	<0.30	<10.0	<10.0	<10.0	<30

Bold text indicates above threshold, excavation continued

All results reported in mg/kg unless otherwise noted

- indicates test was not run

APPENDIX D

TREATMENT SUMMARY TABLE

	Cedar Lake Treatment Cell Data													
Sample	Sample		Destinat	Lab ID	Chloride	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	EXT DRO	TPH
Name	Туре	Sample Date	Received	Sample	Method 4500			8021B				80:	15M	
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	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	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	6/17/2022	6/17/2022	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	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	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	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	6/23/2022	6/23/2022	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	standards		600	10				50				100
Bold toyt i	old text indicates above threshold, treatment continued													

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 WATER TRANSFER

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 WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: (WT) WATER TRANSFER NORTH 1 (H222079-01)

BTEX 8021B	mg/	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2022	ND	2.05	103	2.00	3.70	
Toluene*	<0.050	0.050	05/18/2022	ND	2.03	101	2.00	3.19	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	1.93	96.6	2.00	3.75	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.01	100	6.00	4.33	
Total BTEX	<0.300	0.300	05/18/2022	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	224	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	233	117	200	11.4	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	222	111	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	125 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	131 9	% 59.5-14	-						

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

Sample ID: WT NORTH 3 (H222079-02)

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 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	304	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	99.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 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:	05/17/2022	Sampling Date:	05/16/2022
Reported:	05/19/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: WT SOUTH 1 (H222079-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	106	% 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	16.0	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	98.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 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:	05/17/2022	Sampling Date:	05/16/2022
Reported:	05/19/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: WT SOUTH 2 (H222079-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	80.0	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	97.1	% 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:	05/17/2022	Sampling Date:	05/16/2022
Reported:	05/19/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: WT SOUTH 3 (H222079-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	107	% 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	304	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	92.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106	% 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:	05/17/2022	Sampling Date:	05/16/2022
Reported:	05/19/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: WT EAST (H222079-06)

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	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	106 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	32.0	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	104 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. 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 WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: WT WEST (H222079-07)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2022	ND	2.07	103	2.00	12.3	GC-NC
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	95.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	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	94.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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PLEASE NOTE: Liability and Damages. Cardinal's liability and clent's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose of use, or loss of profits incurred by client, its subsidiaries, affiliates or successor arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 11/9/2022 1:50:19 PM

Project Name: City: corvice. In no event shall Sampler Name: Project #: Project Manager: Company Name: Relinquished By: Relinquished By nnalyses. All claims including these Project Location: Phone #: Address: Sampler - UPS - Bus - Other: LEASE NOTE: Liability oce Cult Delivered By: (Circle One) FOR LAB USE ONLY Lab I.D. 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 KY JOIN Hayos Adams negligence and any other cause vihalsoover shall be deemed Cardinal's liability and clickl's ox Loco Hill Sample I.D. Noter Transfer N 200 Corrected Temp. °C Observed Temp. °C AKI Time: Date: Date: Project Owner: Fax #: Time: -+ State: 3 ces hereunder by Cil Cardinal cannot accept verbal obtanges. Please email changes to celey.keene@cardinallabsnm.com ve remedy for any clash J. AƏ 0 DDS neluding willhout limitation, business Water Translei 0 30 Zip: (G)RAB OR (C)OMP Received By: Received 000 # CONTAINERS GROUNDWATER Sample Condition By Cool WASTEWATER rnada in writing and received by Cardinal within 30 days after completion of the applicable Yes Yes MATRIX SOIL No or such cl' im is based upon any of the above stated Intact OIL SLUDGE loss of use, or loss of profils incu OTHER : City: P.0. Fax #: State: Address: Attn: Company: Phone #: ACID/BASE: PRESERV. * ICE / COOL CHECKED BY BILL Unitials OTHER : Zip: 3 DATE 116 TO SAMPLING red by client, its subsidiaries CHAIN-OF-CUSTODY AND A NALYSIS REQUEST All Results are emailed. Please provide Email address: 2:30pm by the client for the Correction Factor None Turnaround Time: REMARKS: Bill to Apache (Bruce Borker TIME Chlorides PIt Standard BTEX ANALYSIS Cool Infact Bacteria (only) Sample Condition N=North S=South REQUEST Corrected Temp. °C Observed Temp. °C (cpurt if possible North & South

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May 25, 2022

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

RE: CEDAR LAKE WATER TRANSFER

Enclosed are the results of analyses for samples received by the laboratory on 05/20/22 8:29.

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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 1 (H222148-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	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	3600	16.0	05/24/2022	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	05/24/2022	ND	228	114	200	2.40	
DRO >C10-C28*	<10.0	10.0	05/24/2022	ND	207	103	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	05/24/2022	ND					
Surrogate: 1-Chlorooctane	70.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	70.3	% 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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 11 (H222148-02)

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	05/24/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2022	ND	228	114	200	2.40	
DRO >C10-C28*	<10.0	10.0	05/24/2022	ND	207	103	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	05/24/2022	ND					
Surrogate: 1-Chlorooctane	75.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.3	% 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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 12 (H222148-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	05/24/2022	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	05/24/2022	ND	228	114	200	2.40	
DRO >C10-C28*	<10.0	10.0	05/24/2022	ND	207	103	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	05/24/2022	ND					
Surrogate: 1-Chlorooctane	80.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.3	% 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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 13 (H222148-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	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	416	16.0	05/24/2022	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	05/24/2022	ND	228	114	200	2.40	
DRO >C10-C28*	<10.0	10.0	05/24/2022	ND	207	103	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	05/24/2022	ND					
Surrogate: 1-Chlorooctane	74.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.3	% 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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 5 (H222148-05)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	12000	16.0	05/24/2022	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	05/24/2022	ND	228	114	200	2.40	
DRO >C10-C28*	<10.0	10.0	05/24/2022	ND	207	103	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	05/24/2022	ND					
Surrogate: 1-Chlorooctane	76.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.0	% 59.5-14	2						

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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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 6 (H222148-06)

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	05/25/2022	ND	2.07	104	2.00	0.0952	
Toluene*	<0.050	0.050	05/25/2022	ND	2.16	108	2.00	1.52	
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.07	104	2.00	1.43	
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.18	103	6.00	1.63	
Total BTEX	<0.300	0.300	05/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	33600	16.0	05/24/2022	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	05/24/2022	ND	228	114	200	2.40	
DRO >C10-C28*	<10.0	10.0	05/24/2022	ND	207	103	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	05/24/2022	ND					
Surrogate: 1-Chlorooctane	80.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.3	% 59.5-14	2						

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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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 7 (H222148-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2022	ND	2.07	104	2.00	0.0952	
Toluene*	<0.050	0.050	05/25/2022	ND	2.16	108	2.00	1.52	
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.07	104	2.00	1.43	
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.18	103	6.00	1.63	
Total BTEX	<0.300	0.300	05/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC	By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	05/24/2022	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	05/24/2022	ND	228	114	200	2.40	
DRO >C10-C28*	<10.0	10.0	05/24/2022	ND	207	103	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	05/24/2022	ND					
Surrogate: 1-Chlorooctane	79.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.0	% 59.5-14	2						

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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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 8 (H222148-08)

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	05/24/2022	ND	2.09	104	2.00	1.65	
Toluene*	<0.050	0.050	05/24/2022	ND	2.07	104	2.00	1.12	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	2.04	102	2.00	1.90	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	1.05	
Total BTEX	<0.300	0.300	05/24/2022	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	7060	16.0	05/24/2022	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	05/24/2022	ND	228	114	200	2.40	
DRO >C10-C28*	<10.0	10.0	05/24/2022	ND	207	103	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	05/24/2022	ND					
Surrogate: 1-Chlorooctane	77.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.3	% 59.5-14	2						

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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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 9 (H222148-09)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2022	ND	2.09	104	2.00	1.65	
Toluene*	<0.050	0.050	05/24/2022	ND	2.07	104	2.00	1.12	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	2.04	102	2.00	1.90	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	1.05	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	1200	16.0	05/24/2022	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	05/25/2022	ND	228	114	200	2.40	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	207	103	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	72.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.1	% 59.5-14	2						

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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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 10 (H222148-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2022	ND	2.09	104	2.00	1.65	
Toluene*	<0.050	0.050	05/25/2022	ND	2.07	104	2.00	1.12	
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.04	102	2.00	1.90	
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.11	102	6.00	1.05	
Total BTEX	<0.300	0.300	05/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	05/24/2022	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	05/25/2022	ND	228	114	200	2.40	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	207	103	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	74.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.1	% 59.5-14	2						

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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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 14 (H222148-11)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2022	ND	2.09	104	2.00	1.65	
Toluene*	<0.050	0.050	05/25/2022	ND	2.07	104	2.00	1.12	
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.04	102	2.00	1.90	
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.11	102	6.00	1.05	
Total BTEX	<0.300	0.300	05/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	3200	16.0	05/24/2022	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	05/25/2022	ND	228	114	200	2.40	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	207	103	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	75.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.6	% 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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 15 (H222148-12)

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	05/25/2022	ND	2.09	104	2.00	1.65	
Toluene*	<0.050	0.050	05/25/2022	ND	2.07	104	2.00	1.12	
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.04	102	2.00	1.90	
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.11	102	6.00	1.05	
Total BTEX	<0.300	0.300	05/25/2022	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	2560	16.0	05/24/2022	ND	432	108	400	0.00	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2022	ND	203	101	200	5.64	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	194	97.1	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	90.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.7	% 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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 16 (H222148-13)

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	05/25/2022	ND	2.09	104	2.00	1.65	
Toluene*	<0.050	0.050	05/25/2022	ND	2.07	104	2.00	1.12	
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.04	102	2.00	1.90	
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.11	102	6.00	1.05	
Total BTEX	<0.300	0.300	05/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1300	16.0	05/24/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2022	ND	203	101	200	5.64	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	194	97.1	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.1	% 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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 17 (H222148-14)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2022	ND	2.09	104	2.00	1.65	
Toluene*	<0.050	0.050	05/25/2022	ND	2.07	104	2.00	1.12	
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.04	102	2.00	1.90	
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.11	102	6.00	1.05	
Total BTEX	<0.300	0.300	05/25/2022	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	32.0	16.0	05/24/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2022	ND	203	101	200	5.64	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	194	97.1	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.5	% 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:	05/20/2022	Sampling Date:	05/19/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	CEDAR LAKE WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 18 (H222148-15)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2022	ND	2.09	104	2.00	1.65	
Toluene*	<0.050	0.050	05/25/2022	ND	2.07	104	2.00	1.12	
Ethylbenzene*	<0.050	0.050	05/25/2022	ND	2.04	102	2.00	1.90	
Total Xylenes*	<0.150	0.150	05/25/2022	ND	6.11	102	6.00	1.05	
Total BTEX	<0.300	0.300	05/25/2022	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	48.0	16.0	05/24/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2022	ND	203	101	200	5.64	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	194	97.1	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.5	% 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

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 claims 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.

Celey D. Keene, Lab Director/Quality Manager

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e@cardinallabsnm.com	BY: Turnaround Time: Standard Bacteria (only) Sample Condition Thormometer ID #113 Cool Intact Observed Temp. °C Correction Factor Neme - O.S.C. No. Corrected Temp. °C	Verbal Result: <u>Pres DNo</u> <u>Add Phone #:</u> All Results are emailed. Please provide Email address: REMARKS: Fill to Apache Bake Baker	amount public dion to the application control of the application of th		1/19 LISPM		TP	SAMPLING	le	Zip:						B(2	CHAIN-OF-CUSTODY AND A NALYSIS REQUEST

Received by OCD: 11/9/2022 1:50:19 PM

Page 45 of 107

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Released to Imaging: 2/27/2023 1:44:11 PM

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June 01, 2022

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

RE: CEDAR LAKE WATER TRANSFER

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

Sample ID: EB 2 (H222219-01)

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	2.03	102	2.00	10.0	
Toluene*	<0.050	0.050	05/27/2022	ND	2.02	101	2.00	10.6	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.93	96.5	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.01	100	6.00	10.7	
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	48800	16.0	05/31/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	189	94.3	200	0.783	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	181	90.5	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	115 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	122	% 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 WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 3 (H222219-02)

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	2.03	102	2.00	10.0	
Toluene*	<0.050	0.050	05/27/2022	ND	2.02	101	2.00	10.6	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.93	96.5	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.01	100	6.00	10.7	
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	44000	16.0	05/31/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	189	94.3	200	0.783	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	181	90.5	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 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 WATER TRANSFER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE CORP - LOCO HILLS NM		

Sample ID: EB 4 (H222219-03)

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	2.03	102	2.00	10.0	
Toluene*	<0.050	0.050	05/27/2022	ND	2.02	101	2.00	10.6	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.93	96.5	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.01	100	6.00	10.7	
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	52800	16.0	05/31/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	189	94.3	200	0.783	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	181	90.5	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119 9	% 59.5-14	2						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

101 East Marland, Hobbs, NM 88240 DS

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

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CHAIN-OF-CUSTODY AND A NALYSIS REQUEST

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Sampler - UPS - Bus - Other:

Corrected Temp. °C

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Sampler Name:

FOR LABUSE ONLY

Project Location:

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Lab I.D.

Sample I.D.

(G)RAB OR (C)OMP

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Water Transfer

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State: City:

Zip

Phone #:

Project Owner:

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REQUES

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Project #: Phone #: City:

Address

Project Manager: Company Name:

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June 15, 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



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

Received:	06/14/2022	Sampling Date:	06/14/2022
Reported:	06/15/2022	Sampling Type:	Soil
Project Name:	CLFCA	Sampling Condition:	Cool & Intact
Project Number:	CFLCA #1 WATER TRANSFER LINE	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: EB 6 @ 5' (H222545-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	39600	16.0	06/15/2022	ND	432	108	400	3.64	

Sample ID: EB 4 @ 5' (H222545-02)

Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	06/15/2022	ND	432	108	400	3.64	

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Received by OCD: 11/9/2022 1:50:19 PM

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PLEASE NOTE: Liability and Damages. Cardinal's lia analyses. All claims including those for negligence ar service. In no event shall Cardinal be liable for incide	ability and client's exclusive remedy for any claim arising whet nd any other cause whatsoever shall be deemed waived unler ntal or consequental damages, including without limitation, bu	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, state be inniced, you we want on the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after complexity of the applicable service. In no event shall Cardinal be liable for incidential or consequental damages, including without limitation, business interventions, loss of use, or loss of profils incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidential or consequental damages, including without limitation, business interventions, loss or loss or profils incurred by client, its subsidiaries, service.	ar completion of the applicable clent, its subsidiaries, asono or of howise.
affiliates or successors arising out of or related to the performance	performance of services hereunder by Cardinal, regardless of whether such claim is used		Verbal Result: Yes No Add'l Phone #:
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	Time:]
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Sampler - UPS - Bus - Other:	Corrected Temp. °C /, 4		Z
FURM-000 N 3.2 10/07/21	+ Cardinal cannot accept	pt verbal changes. Please email cha	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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



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

Received:	06/14/2022	Sampling Date:	06/14/2022
Reported:	06/17/2022	Sampling Type:	Soil
Project Name:	CLFCA	Sampling Condition:	Cool & Intact
Project Number:	CFLCA #1 WATER TRANSFER LINE	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: EB 3 @ 5' (H222547-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	06/15/2022	ND	416	104	400	3.77	

Sample ID: EB 2 @ 5' (H222547-02)

Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14000	16.0	06/15/2022	ND	416	104	400	3.77	

Sample ID: N 2 (H222547-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	97.6	% 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	32.0	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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/14/2022	Sampling Date:	06/14/2022
Reported:	06/17/2022	Sampling Type:	Soil
Project Name:	CLFCA	Sampling Condition:	Cool & Intact
Project Number:	CFLCA #1 WATER TRANSFER LINE	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: N 2 (H222547-03)

TPH 8015M	mg	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	87.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.7	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clent's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose of use, or loss of profits incurred by client, its subsidiaries, affiliates or successor arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

58

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by OCD: 11/9/2022 1:50:19 PM

Project Manager: Chity: State: Zip: Chity: Multication: Company: Company: Project Name: Fax #: Project Owner: Company: Project Location: Cut With Water Sampler Name: City: Project Name: Project Owner: City: Address: Project Name: Fax #: Project Owner: City: Project Name: Norther Manager: Kith: City: Sampler Name: Norther Manager: Kith: City: Sampler Name: Norther Manager: City: State: Sampler Name: Norther Fax #: City: Sampler Name: Norther: Fax #: City: Solution: City: Solution: Fax #: Solution: Studies: Fax #: Fax #: Solution: Norther: Solution: Solution: Studie: Norther: Norther: Solution: Studie: Norther: Norther: Solution: Studie: Norther: Solution: Solution: Studie: Norther: Solution: Solution: Studie: Norther: Solution: Solution: Studie: </th <th>(575) 393-2326 FAX (575) 393-2476 ANALYSIS BO #. BILL TO ANALYSIS</th> <th>Tanager: Killur R</th> <th>Hobos State: Zip:</th> <th>Fax #:</th> <th>Project Owner:</th> <th>State:</th> <th>CLECK # Withow Fringles Phone #</th> <th></th> <th>Jeve (Warser have Fax #:</th> <th>MATRIX PRESERV.</th> <th>(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: CE / COOL OTHER : ACID/BASE: CE / COOL OTHER : ACID/BASE: CE / COOL</th> <th>EB3 @5' CII \ \ \ 6/14/0</th> <th></th> <th></th> <th>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.</th> <th>hed By: Date: Ut Received By: Verbal Result: Verbal</th> <th></th> <th>Impany Name: BILL TO oper Manager: Figure Manager: interest: Fax #: ore #: Fax</th> <th>ANALY</th>	(575) 393-2326 FAX (575) 393-2476 ANALYSIS BO #. BILL TO ANALYSIS	Tanager: Killur R	Hobos State: Zip:	Fax #:	Project Owner:	State:	CLECK # Withow Fringles Phone #		Jeve (Warser have Fax #:	MATRIX PRESERV.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: CE / COOL OTHER : ACID/BASE: CE / COOL OTHER : ACID/BASE: CE / COOL	EB3 @5' CII \ \ \ 6/14/0			PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	hed By: Date: Ut Received By: Verbal Result: Verbal		Impany Name: BILL TO oper Manager: Figure Manager: interest: Fax #: ore #: Fax	ANALY
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Page 60 of 107



June 16, 2022

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

RE: CLFCA WATER TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 06/15/22 16:59.

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



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

Received:	06/15/2022	Sampling Date:	06/15/2022
Reported:	06/16/2022	Sampling Type:	Soil
Project Name:	CLFCA WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: EB 6 @ 8' (H222573-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	06/16/2022	ND	384	96.0	400	0.00	

Sample ID: N4 (H222573-02)

Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	06/16/2022	ND	384	96.0	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Delivered By: (Circle One) Observed Temp. °C Sampler - UPS - Bus - Other: Corrected Temp. °C FORM-000 R 3.2 10/07/21 † Cardinal ca	ZAMA June; Date: Time:	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for an analyses. All claims including those for negligence and any other cause whatsoever shall be d service. In no event shall Cardinal be liable for incidental or consequental damages, including affiliate or successors arking out of or related to the performance of services hereunder by CC Relinguished Rv:		2 NY OX	o a		Sampler Name:) CSS Q & Scille Sci	Project Location: OI COIA	Project #: Project Owner:	Phone #: Fax #:	City: Hobys State:	Address:	Project Manager: Rputter B.	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name:	Laboratories
ad Temp. °C Sample Condition Cool CHECKED BY: Intact Yes Turnaround Time: (Initials) Standard Co B: Co ad Temp. °C Yes Yes Yes Co Co Image: No No No No Co Co Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Co Co	Verbai Result: All Results are em Versel REMARKS:	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the epilicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of tuse, or loss of profits incurred by client, its subsidiaries, affiliates or successors affing but 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.		C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GRAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : ACID/BASE: ICE / COOL OTHER :	P. MATRIX PRESERV. SAMPLING	Fax #:	-	er: City:	Address:	Zip: Attn:	Company:	P.O. #:		
Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C 5°C Ves Yes 10 Nc No Corrected Temp. °C Ne@cardinallabsnm.com	□ Yes □ No Add' Phone #: nailed. Please provide Email address: Rouce Utu				6× 20		(15						ANALYSIS REQUEST		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

63



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

Celeg 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 LONGCH	RIER	
	201 MAIN STREET,	SUITE 1360	
	FORT WORTH TX,	76102	
	Fax To: NA		
06/17/2022		Sampling Date:	06/17/2022
06/22/2022		Sampling Type:	Soil

Sample ID: B 3 (H222613-03)

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	06/21/2022	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	Analyzed 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

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: B 4 (H222613-04)

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

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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	MATTHEW LONGCRIER 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102					
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 5 (H222613-05)

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	Analyzed 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						

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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	MATTHEW LONGCRIER 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102					
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 6 (H222613-06)

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	06/21/2022	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	Analyzed 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 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - LOCO HILLS NM

		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			

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	Analyzed 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						

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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	Analyzed 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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Celey D. Keene, Lab Director/Quality Manager



CEDAR LAKE

NOT GIVEN

APACHE CORP - LOCO HILLS NM

Sampling Condition:

Sample Received By:

06/17/2022

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

	RX-SOIL IN	C.		
	MATTHEW	LONGCRIER		
	201 MAIN S	STREET, SUITE 13	60	
	FORT WOR	TH TX, 76102		
	Fax To:	NA		
06/17/2022			Sampling Date:	
06/22/2022			Sampling Type:	

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	% 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	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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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 LON	GCRIER	
	201 MAIN STRE	ET, SUITE 1360	
	FORT WORTH T	FX, 76102	
	Fax To: NA	A	
06/17/2022		Sampling Date:	06/17/2022
06/22/2022		Sampling Type:	Soil

Sample ID: C 6 (H222613-10)

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	101	% 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	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	122	% 59.5-14	2						

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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	MATTHEW LONGCRIER 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102						
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, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118	% 59.5-14	2						

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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:	06/16/2022
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	% 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	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	2						

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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:	06/16/2022
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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	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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Celey D. Keene, Lab Director/Quality Manager



NOT GIVEN

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		
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	Analyzed 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						

Cardinal Laboratories

*=Accredited Analyte

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

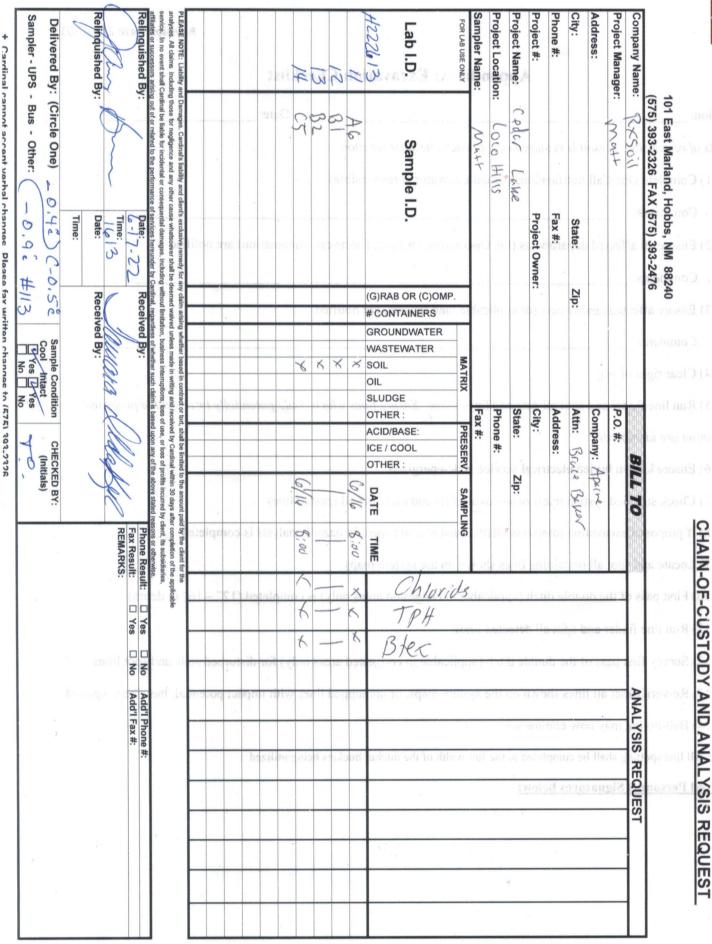
*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Receive		D: 11/9/202	and the second second second		1														ŀ	age 81 o	f 107
	Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Refinquished By:	Innayaga. All claims including these for nogligance and any officence on the source. In no event shall Conditionabe lipble for including the conditionabe lipble for including the conditionation of the source of t	PLEASE NOTE: Llability and Danua	200-1	65	<u> 2 2 2 2</u>	H222613	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #:	Address:	Project Wanager:	Company Name:	a manufacture of the second structure of the second st		Warman Strand St
† Cardinal cannot accept verbai changes. Please email changes to celey keene@cardinallabsnm.cc	Observed Temp. °C 0, fc Sample Condition CHECKED BY: Turnaround Time: Standard Bacteria (only) S rer: Corrected Temp. °C 0, fc Diffes Pres (Initials) Thermometer ID 1111 Cool Intact rer: Corrected Temp. °C 0, fc Pres Pres Ves Corrector function 0.5 Uves Ves manual control of the control of th	Time: Date: Received By: Time:	Mhor cause vihilsoover shall be downed waived unless made in willing and received by Caudia vihith 30 darps after completion of the application of the applicati			36		# CON GROU WASTI SOIL OIL SLUDG OTHER ACID/B ICE / C OTHER ICE / C OTHER	ASE:	MATRIX PRESERV SAMPLING	FIGURE 1 and the second	Laco Hills Phone #:		Project Owner: City	Fax #: Address	Company: Afe	P.O. #: P.O. #:	e: RxSoil ANALYSIS REQUEST	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	_ARDINAL _aboratories	
3	1				11	1	1										-	TTO MAK		1	

Received by OCD: 11/9/2022 1:50:19 PM



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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	Analyzed 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						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NOT GIVEN

APACHE CORP - LOCO HILLS NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

		RX-SOIL INC. MATTHEW LONGCRIER 201 MAIN STREET, SUI FORT WORTH TX, 7610 Fax To: NA	TE 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 2 (H222704-02)

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	Analyzed 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						

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:	06/23/2022		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: A 3 (H222704-03)

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	Analyzed 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	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NOT GIVEN

APACHE CORP - LOCO HILLS NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

	RX-SOIL INC. MATTHEW LONGCRIE 201 MAIN STREET, SI FORT WORTH TX, 76 Fax To: NA	JITE 1360	
06/23/2022		Sampling Date:	06/23/2022
06/29/2022		Sampling Type:	Soil
CEDAR LAKE		Sampling Condition:	Cool & Intact

Sample ID: B 1 (H222704-04)

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	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	736	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	06/28/2022	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	1						
Surrogate: 1-Chlorooctadecane	91.8	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Sampling Condition: Sample Received By: 06/23/2022 Soil

Cool & Intact

Tamara Oldaker

Analytical Results For:

	RX-SOIL INC.
	MATTHEW LONGCRIER
	201 MAIN STREET, SUITE 1360
	FORT WORTH TX, 76102
	Fax To: NA
06/23/2022	Sampling Date:
1 1	1 5
06/29/2022	Sampling Type:

Received:	06/23/2022
Reported:	06/29/2022
Project Name:	CEDAR LAKE
Project Number:	NOT GIVEN
Project Location:	APACHE CORP - LOCO HILLS NM

Sample ID: D 1 (H222704-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 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	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	% 43-149)						
Surrogate: 1-Chlorooctadecane	104 9	42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NOT GIVEN

APACHE CORP - LOCO HILLS NM

Tamara Oldaker

Sample Received By:

Analytical Results For:

		RX-SOIL INC. MATTHEW LONGCRIER 201 MAIN STREET, SUI FORT WORTH TX, 7610 Fax To: NA	TE 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: D 2 (H222704-06)

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	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						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

oratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquished By: Relinquished By: PLEASE NOTE: Liability and Dar analyses. All claims including the Sampler - UPS - Bus - Other: service. In no event shall Cardinal be liable for incidental or co Project #: City: Project Location: Project Name: Project Manager: Delivered By: (Circle One) Sampler Name: Phone #: Address: AJJJJJA FOR LAB USE ONLY Lab I.D. including those for negligence and any other 6 E N ediar Lake RA A3 A 0 P2 Hayes Q Layer 000 Sample I.D. to the pe Hills Adams Observed Temp. °C Corrected Temp. °C HA (6-23-22) Time: cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable Date: Time: Fax #: † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Project Owner: Cell State: clusive remedy for any claim 620 es, including without limit nder by Ca il, Received By: Zip: Received By: (G)RAB OR (C)OMP 3.1 **# CONTAINERS** GROUNDWATER whether based in Cool Intact 60111 Sample Condition WASTEWATER MATRIX SOIL OIL contract or tort, shall be limited SLUDGE loss of use, or loss of profits incurred by client, its subsidiaries City: OTHER State: P.O. #: Fax #: Phone #: Address: Attn: Company: ACID/BASE PRESERV. CHECKED BY: (Initials) ICE / COOL Ç OTHER to the 6/23 Zip: DATE SAMPLING paid by the client for the All Results are emailed. Please provide Email address: Thermometer ID #113 Correction Factor -0.5°C Turnaround Time: REMARKS: Verbal Result: 120m TIME Bill to Apache Chloride Ves TPH Standard Rush BTEX ON D Add'l Phone #: Bacteria (only) Sample Condition Cool Intact Observed Temp. Yes Yes Nc No Corrected Temp. CBruce Observed Temp. °C Corrected Temp. °C

Received by OCD: 11/9/2022 1:50:19 PM

BAKEY

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Company Name:

Kx Soi

BILL TO

ANALYSIS

REQUEST



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



00/27/2022

Analytical Results For:

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

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)

Dessived

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						

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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 11/9/2022 1:50:19 PM

FORM-000	Delivered By: (Circle One) Sampler - UPS - Bus - Ot		Relinquished By:	the	affiliates or successors arising	analyses. All claims including service. In no event shall Ca	DI FLOE NOTE: Liability and Dam						1	HULLTIN	1/21-2-24	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location.	Fluject Hallie.	Droject Name	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:	1	
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† Cardinal c	Corrected Temp. °C	Time:	Date:	Time: 49	Date: 0 77	se whatsoever shall be d ntal damages, including	exclusive remedy for an															Project Owner:	Fax #:	State: 2		Adans		i, Hobbs, NM 88240 FAX (575) 393-2476	DINAL
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Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com	(Initials)	CHECKED BY.	- Annon		ed upon any of the above stated in	ived by Cardinal within 3 f use, or loss of profits in	t, shall be limited to the a						181	0	CID/B/ CE / CO DTHER	DOL		PRESERV	#	Phone #:	te: Zip:		Address:	n	Company:		BILL		
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Page 4 of 4

Released to Imaging: 2/27/2023 1:44:11 PM



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



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

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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

Received by OCD: 11/9/2022 1:50:19 PM

Delivered By: (Circle One) Sampler - UPS - Bus - Ot	Relinquished By:	PLEASE NOTE: Liability and Damages. Ca analyses. All claims including those for negl service. In no event shall Cardinal be liable		1	OUSEREA	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Dhone #:	City.	Address:	Project Manager:	Company Name:	10	
Observe her: Correcte	y: Date: V: Date: Time:	amages. Cardinal's liability and client's exclusive remedy for any cla nose for negligence and any other cause whatsoever shall be deem rail be liable for incidental or consequential damages, including with a status of the contempose of senders beaunder by Cardin	8	J.		Sample I.D.		111	A	Perlav Lake	Project	Fax #:	State:		HAYES HOAMS	VSUI DE CONTON	101 East Marland, Hobbs, NM 88240	boratories
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ndition CHECKED BY: cct Anitials) Yes Anitials	A	raising whether based in contract or tori, shall be immed to the simounit, peut or y or completion of the a waived unless made in writing and received by Contral within 30 days after completion of the a limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, regardless of whether such claim is based upon any of the above stated reasons or otherwise.			SLUDO OTHE ACID// ICE / (OTHE DATE	R : BASE: COOL	PRESERV. SAMPLING	1	Phone #:	State: Zip:	City:	Address:	Attn:	Company:	P.O. #:	BILL TO		
Turnaround Time: Sta Rus Thermometer ID #113 Correction Factor -0.5°C	REMARKS: Bill & Apple		he the client for the		TIME	(he												
Standard Bacteria (only) Rush Cool Intact Pres Yes Nc No	And I FINITE #.															ANALYSIS REQUEST		
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C □ Yes □ Yes □ Nc □ No Corrected Temp. °C																IEST		





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.

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Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
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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:	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	

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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



Notes and Definitions

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

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

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	102			
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Received by	<i>OCD</i> :	11/9/2022	1:50:19 PM	
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One) Observed Temp. °C //,(- Other: Corrected Temp. °C /0.5	Date: Time:	Date:	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in witing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without imitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive temedy for any claim arising whether based in contrast of hot shall be limited to the amount and but the disat for the			C2	¢,	Sample I.D.		Hayes Hola-s	Loco Hills	COMA LAKE	Project Owner:	Fax #:	State:	/	Hayes Adams	Bx Soil
//.0 Sample Condition Cool Intact 0.5 □ Yes 2 No □ No	Received By:	Received By:	hatsoever shall be demote valved unless made in writing and received by Cardinal within 30 days after damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by or cos hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated re	claim arising whether based in contract or ford s			~	# CONT GROUN WASTE SOIL OIL SLUDGI OTHER	DWATER WATER	MATRIX	Fax	Pho	State:	: City:	Ado	Zip: Attn:	Co	P.0.	
CHECKED BY: Turnar (Initials) Thermo Correct	REMA		d by Cardinal within 30 days after complete d by Cardinal within 30 days after complete se, or loss of profits incurred by client, its su upon any of the above stated reasons or o	holl be limited to the emount wild be the off			0 alt	ACID/BA ICE / CC OTHER DATE	OL	PRESERV. SAMPLING		Phone #:	te: Zip:		Address:		Company:). #:	BILL TO
Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C Thermometer ID #113 Yes Yes Correction Factor -0.5°C YhR. □ Nc □ No Corrected Temp. °C	REMARKS: Bill to Apache (Bruce Baker)	Verbal Result: Verbal Result: Verbal Results are emailed. Please provide Email address:	mpletion of the applicable (t, its substantes, ts or otherwise.				2:00m×	TIME				28							ANALYSIS REQUEST

APPENDIX F

SITE PHOTOGRAPH



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END OF REPORT

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

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

District III

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

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

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

CONDITIONS

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	157430
	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 #NAPP2114756542 CLFCA WATER TRANSFER LINE, thank you. This closure is approved. 2/27/2023 rhamlet

CONDITIONS

Action 157430

Condition Date