

March 13, 2024

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

Re: Closure Request

Prima Exploration McElvain #5

nAPP2107740815

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

Sincerely,

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I. Introduction

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

The release occurred on 03/16/2021 in M-25-18S-33E (see *Figure 1* for Vicinity Map) at approximate coordinates 32.7132, -103.6225. It was reported that 60 barrels of crude oil were released, and 50 barrels were recovered during the initial response.

II. Site Assessment/Characterization

- 1. Site Map See Figure 2
- 2. **Depth to ground water** There is no water wells within a half mile from the spill. USGS 324317103354401 is the nearest water well (listed in *Appendix B*) and has a reported depth to water of 42.62′. This well is approximately 1.6 miles from the spill area. Remediation standards will follow the strictest thresholds stated in Table I, ≤50 feet.
- 3. **Wellhead protection area** There are no significant water sources within a half mile of the release (see *Figure 3*).
- 4. **Distance to nearest significant watercourse** There are no known significant watercourses within 0.5 miles (see *Figure 3*).
- 5. **Soil/waste characteristics** An initial delineation was completed on 4/13/2021. Sample points are shown in *Figure 2* with results summarized in *Appendix C*. Lab data is displayed in *Appendix* D. An additional delineation was done on 2/26/2024 to make sure the spill did not leave the tank battery. Horizontal excavation will consist of sampling sidewalls (composites representing <200 square feet) to verify each wall is below thresholds listed in NMAC 19.15.29.13.D.1 (600 mg/kg chloride) and Table I (100 mg/kg TPH, 5mg/kg BTEX, 10 mg/kg benzene). Vertical delineation will continue throughout the spill area to clean material per Table I. Excavation will be guided by field data and confirmed via third-party laboratory.

III. Remedial Activities

RXSoil's core process of on-site remediation was used to address the chloride contamination and RXSoil's bioremediation agent RXBiotics was used to treat the hydrocarbon 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 placed around the perimeter of the cell area. A 20-mil reinforced poly liner was installed on the surface and up the sides of the berms to contain treatment. A proprietary drainage and collection system was installed prior to filling the cells with contaminated soil. A leachate from treating the soil was collected and hauled off to a SWD.

Based on delineation data, chloride results were less than 600 mg/kg at 2' and below. The top 2' was excavated and placed in the contained treatment cell; approximately 125cy. Delineation data showed the TPH contamination at deeper depths. Once excavation started, RXSoil identified the bottom of the hydrocarbon contamination with boreholes (representative of <200 square feet) and third-party sampling. The remaining contaminated soil (below chloride thresholds, above TPH threshold) was treated in-place with RXBiotics.

To confirm successful treatment of chlorides, a grid of confirmation samples was gathered at the bottom 12" of the treatment profile with one sample representing no more than 100 cubic yards. All cell samples were then field screened using Quantab Chloride Test Strips. When a sample tested above threshold, treatment continued in that area until the soil tested clean, per strictest Table I guidelines for impacted soils. Samples were also collected from the hydrocarbon only impacted soil (within the tank battery), with each sample representing no more than 100 cubic yards. Samples were submitted to a third-party laboratory to be tested for chlorides (Treatment cell only), TPH, and BTEX using approved NMOCD methods.

Timeline:

9/10/21 – The top 2' of the tank battery was excavated and placed inside the lined treatment cell for treatment.

9/11/21 – Began treatment of the chloride contaminated soil inside the treatment cell.

9/11/21 – 11/30/21: Ongoing treatment within the treatment cell for Chlorides

12/1-21 - Clean Chloride samples reported from the lab. Treatment cell is ready to be unloaded.

12/2/21 – Application of RXBiotics into the tank battery to treat above threshold TPH contaminated soil. Soil was tilled to promote aeriation within the soil.

12/15/21 – Tilling and water were added to the tank battery to promote percolation with the RXBiotics.

1/26/22 – Treatment cell soil was loaded into the tank battery. Treatment cell was deconstructed; pad was leveled and graded to the condition that existed prior to the construction of the cell.

9/21/22 – Final Samples taken inside the tank battery. Samples were only tested for TPH because we have clean chlorides and BTEX coming from the treatment cell and from the bottom of tank battery.

5/31/23 – RxMicro and RxVita were applied inside the tank battery to continue degradation of hydrocarbons.

6/13/23 – Took final confirmation samples inside the tank battery.

Sidewall and bottom samples were taken using a stainless-steel hand shovel while remediation samples were taken using a stainless-steel bucket auger. Samples were then 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 then wiped clean to allow an airtight seal. Samples were transferred on ice to a third-party laboratory to ensure tests are completed within 14 days (as recommended for EPA methods 8021B and 8015M).

IV. Restoration, Reclamation and Re-Vegetation

Following remediation, Rxsoil will restore the impacted surface area to the condition that existed prior to the release.

FIGURE 1
VICINITY MAP

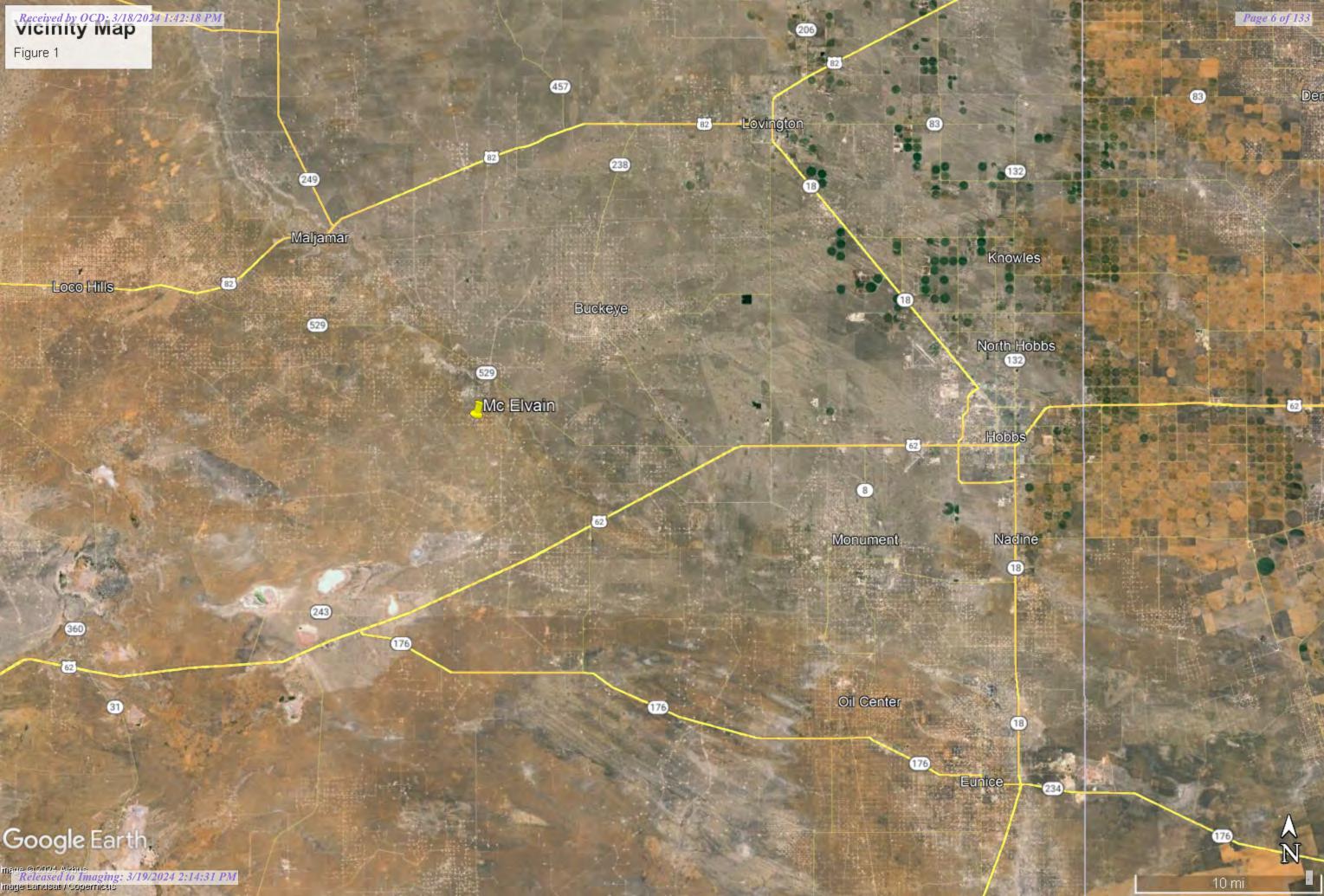




FIGURE 2 SITE OVERVIEW





FIGURE 3 HYDROLOGY MAP

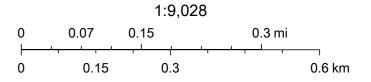
Figure 3 - Hydrology Map



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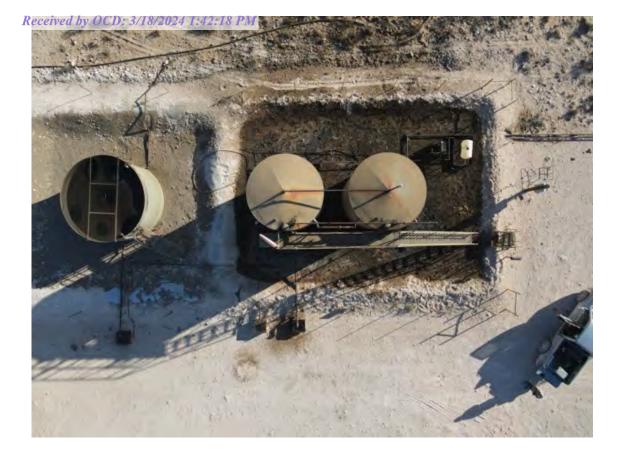
Override 1

★ OCD District Offices



Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA, OCD

FIGURE 4 SITE PHOTOGRAPHS

















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APPENDIX A C-141

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	42.62 (ft bgs)						
Did this release impact groundwater or surface water?	☐ Yes ☒ No						
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No						
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No						
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No						
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No						
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No						
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No						
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No						
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No						
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No						
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes 🏻 No						
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☒ No						
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.							
Characterization Report Checklist: Each of the following items must be included in the report.							

Contai	initiation associated with the release have been determined. Refer to 17.13.27.11 (WIAC for specifics.
Cha	racterization Report Checklist: Each of the following items must be included in the report.
⊠ I	Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data
	Depth to water determination
	Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs
⊠ I	Photographs including date and GIS information Topographic/Aerial maps
	Laboratory data including chain of custody

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

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I hereby certify that the information given above is true and complete to the										
regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger										
public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have										
failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In										
addition, OCD acceptance of a C-141 report does not relieve the operator of	responsibility for compliance with any other federal, state, or local laws									
and/or regulations.										
Printed Name: <u>Jacqueline Buczek</u>	Title:Petroleum Engineer									
Printed Name: <u>Jacqueline Buczek</u>										
Signature:Jacqueline Buczek	Date: _05-05-2021									
1										
email:jbuczek@primaex.com	Telephone:303-755-5681									
cmanjouczek@primaex.com	Telephone505-755-5001									
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Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation points ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC ☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
Extents of contamination must be fully delineated.
Contamination does not cause an imminent risk to human health, the environment, or groundwater.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Printed Name:
email:jbuczek@primaex.com Telephone:303-755-5681
OCD Only
Received by: Chad Hensley Date: 08/02/2021
☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved
Signature: Date: 08/02/2021

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Closure

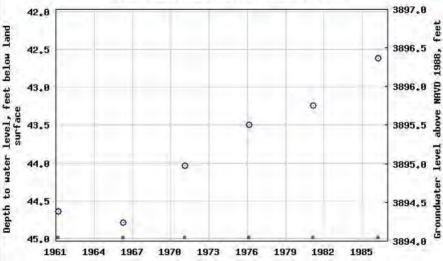
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled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

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

	•
X A scaled site and sampling diagram as described in 19.15.29.1	I1 NMAC
X Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
X Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
■ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and replacement human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete. Title: Technical & Engineering Analyst
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 for regulations.
Closure Approved by:	Date:
Printed Name:	Title:

APPENDIX B NEAREST WATER WELL





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APPENDIX C SUMMARY TABLE

Day 1 Delineation samples														
Surface	H210931-01	4/13/2021	0-1'	Borehole	1740	96800	28800	127340	1.62	14.8	17.2	37.1	70.8	16800
<u>. 1</u>	H210931-02	4/13/2021	1-2'	Borehole	18.9	61.1	<10	80	0.074	0.446	0.49	1.15	2.16	1550
2	H210931-03	4/13/2021	2-3'	Borehole	10.5	173	30.9	214.4	<.05	0.101	0.092	0.232	0.426	112
3	H210931-04	4/13/2021	3-4'	Borehole	31.5	347	52.7	431.2	<.050	0.301	0.423	1.08	1.8	176
20														
Sample ID	Lab Sample ID	Sample Date	Sample Cell Depth	Soil type		TPH (r			Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
Sample ID	Lab Sample ID	Sample Date	Sample Cell Depth	Son type	GRO	DRO	MRO	Total	Delizerie (mg/kg/	Tolderic (Hig/Kg)	Ethiybenzene (mg/kg/	Aylette (ttig/kg/	TOTAL DIEX (IIIB/KB)	Chioride (mg/kg/
RRALs								100	10 (mg/kg)				50 (mg/kg)	600 (mg/kg)
4 11000								(mg/kg)	10 (116/16)				30 (IIIB/ KB/	000 (1116/146)
3							Delineatio	n Samples						
S1-4'	H212595-01	9/15/2021	4'	Bottom	<10	104	20.5	124.5	<.050	<.050	<.050	<.150	<.300	-
S1-6'	H212650-01	9/23/2021	6'	Bottom	<10	18.2	<10	18.2	<.050	<.050	<.050	<.150	<.300	-
S2-4'	H212595-02	9/15/2021	4'	Bottom	<10	29.2	<10	29.2	<.050	<.050	<.050	<.150	<.300	-
S3-4'	H212595-03	9/15/2021	4'	Bottom	<10	15.8	<10	15.8	<.050	<.050	<.050	<.150	<.300	-
S4-4 [']	H212595-04	9/15/2021	4'	Bottom	<10	73	12.3	85.3	<.050	<.050	<.050	<.150	<.300	-
S5-4'	H212595-05	9/15/2021	4'	Bottom	<10	740	210	950	<.050	<.050	<.050	<.150	<.300	-
S5-6'	H212650-02	9/23/2021	6'	Bottom	17.5	775	179	971.5	<.050	<.050	<.050	<.150	<.300	-
S5-7'	H212847-01	10/11/2021	7'	Bottom	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	-
S6-4'	H212595-06	9/15/2021	4'	Bottom	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	-
SW 1	H233047-07	6/12/2023	-	Sidewall	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	80
SW 2	H233047-08	6/12/2023	-	Sidewall	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	96
SW 3	H233047-09	6/12/2023	-	Sidewall	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	112
H1-6"	H240925-01	2/26/2024	6"	Bottom	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	<16.0
H2-6"	H240925-02	2/26/2024	6"	Bottom	<10	<10	<10	<10	<.050	<.050	<.050	<.150	<.300	<16.0

Benzene (mg/kg)

10 (mg/kg)

Toluene (mg/kg)

Ethlybenzene (mg/kg)

Xylene (mg/kg)

Total BTEX (mg/kg)

50 (mg/kg)

TPH (mg/kg)

MRO

Total 100

(mg/kg)

DRO

GRO

Sample ID

RRALs

Lab Sample ID

Sample Date

Sample Cell Depth

Soil type

Sample ID	Lab Sample ID	Sample Date	Sample Cell Depth	Soil type		TPH (mg/kg)		Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
Sample ID	Lab Sample 10	Sample Date	Sample Cell Deput	3011 type	GRO	DRO	MRO	Total	benzene (mg/kg)	Toluelle (Hig/kg)	Ethiybenzene (mg/kg)	valence (mg/kg)	TOTAL BLEY (HIRVE)	Chiloride (hig/kg)
RRALs								100	10 (mg/kg)				50 (mg/kg)	600 (mg/kg)
MIVALS								(mg/kg)	10 (IIIg/Kg/				30 (IIIg/Ng)	OOO (IIIB/ KB)
Bottom Samples of Tank Battery—Show dirty chlorides were taken out														
S1-2'	H212594-01	9/15/2021	2'	Chloride Bottom of Tank Battery	-	-	-	-	=	-	-	-	=	448
S2-2'	H212594-02	9/15/2021	2'	Chloride Bottom of Tank Battery	-	-	-	-	-	-	-	-	-	176
S3-2'	H212594-03	9/15/2021	2'	Chloride Bottom of Tank Battery	-	-	-	-	=	-	-	-	=	224
S4-2'	H212594-04	9/15/2021	2'	Chloride Bottom of Tank Battery	-	-	-	-	-	-	-	-	-	64
S5-2'	H212594-05	9/15/2021	2'	Chloride Bottom of Tank Battery	-	-	-	-	=	-	-	-	=	464
S6-2'	H212594-06	9/15/2021	2'	Chloride Bottom of Tank Battery	-	-	-	-	_	-	_	-	-	400

Sample ID	Lab Sample ID	Sample Date	Sample Cell Depth	Soil type		TPH (r	ng/kg)		Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
Salliple ID	Lab Sample ID	Sample Date	Sample Cell Depth	30II type	GRO	DRO	MRO	Total	benzene (mg/kg)	Toluene (mg/kg)	Lunybenzene (mg/kg)	Aylette (ttig/kg)	TOTAL BILLY (HIS/KS)	Chloride (Hig/kg)
RRALs								100 (mg/kg)	10 (mg/kg)				50 (mg/kg)	600 (mg/kg)
							Final S	amples						
TB1	H213706-01	12/28/2021	0-4'	Tank Battery	<10.0	905	181	1086	<.050	<.050	<.050	<.150	<.300	-
S1	H223953-01	8/26/2022	0-4'	Tank Battery	<10	489	157	646	<.05	<.05	<.05	<.150	<.300	-
S1	H224407-01	9/21/2022	0-4'	Tank Battery	<10	310	135	445	-	-	-	-	-	-
S1	H233047-01	6/12/2023	0-4'	Tank Battery	<10.0	<10.0	<10.0	<10.0	-	-	-	-	-	-
TB2	H213706-02	12/23/2021	0-4'	Tank Battery	<10.0	1200	315	1515	<.050	<.050	<.050	<.150	<.300	-
S2	H223953-02	8/26/2022	0-4'	Tank Battery	<10	776	249	1025	<.05	<.05	<.05	<.150	<.300	-
S2	H224407-02	9/21/2022	0-4'	Tank Battery	<10	466	203	669	-	-	-	-	1	-
S2	H233047-02	6/12/2023	0-4'	Tank Battery	<10.0	<10.0	<10.0	<10.0	-	-	-	-	-	-
TB3	H213706-03	12/23/2021	0-4'	Tank Battery	<10.0	666	148	814	<.050	<.050	<.050	<.150	<.300	-
S3	H223953-03	8/26/2022	0-4'	Tank Battery	<10	445	142	587	<.05	<.05	<.05	<.150	<.300	-
S3	H224407-03	9/21/2022	0-4'	Tank Battery	<10	503	202	705	-	-	-	-	-	-
S3	H233047-03	6/12/2023	0-4'	Tank Battery	<10.0	<10.0	<10.0	<10.0	-	-	-	-	-	-
TB4	H213706-04	12/23/2021	0-4'	Tank Battery	<10.0	628	217	845	<.050	<.050	<.050	<.150	0.548	-
S4	H223953-04	8/26/2022	0-4'	Tank Battery	<10	600	175	775	<.05	<.05	<.05	<.150	<.300	-
S4	H224407-04	9/21/2022	0-4'	Tank Battery	<10	688	260	948	-	-	-	-	-	-
S4	H233047-04	6/12/2023	0-4'	Tank Battery	<10.0	<10.0	<10.0	<10.0	-	-	-	-	-	-
TB5	H213706-05	12/23/2021	0-4'	Tank Battery	<10.0	1270	375	1645	<.050	<.050	<.050	<.150	<.300	-
S5	H223953-05	8/26/2022	0-4'	Tank Battery	<10	961	276	1237	<.05	<.05	<.05	<.150	<.300	-
S5	H224407-05	9/21/2022	0-4'	Tank Battery	<10	855	316	1171	-	-	-	-	-	-
S5	H233047-05	6/12/2023	0-4'	Tank Battery	<10.0	<10.0	<10.0	<10.0	-	-	-	-	-	-
TB6	H213706-06	12/23/2021	0-4'	Tank Battery	<50.0	5890	1840	7730	<.050	<.050	<.050	<.150	<.300	-
S6	H223953-06	8/26/2022	0-4'	Tank Battery	<10	639	217	856	<.05	<.05	<.05	<.150	<.300	-
S6	H224407-06	9/21/2022	0-4'	Tank Battery	<10	1130	393	1523	-	-	-	-	-	_
S6	H233047-06	6/12/2023	0-4'	Tank Battery	<10.0	<10.0	<10.0	<10.0	-	-	-	-	ı	-

APPENDIX D LAB REPORTS



April 14, 2021

HAYES ADAMS

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: MC ELVAIN

Enclosed are the results of analyses for samples received by the laboratory on 04/13/21 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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)

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 04/13/2021
Reported: 04/14/2021
Project Name: MC ELVAIN

Project Name: MC ELVAIN
Project Number: NONE GIVEN
Project Location: HOBBS

---- /1---

Sampling Date: 04/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SF (H210931-01)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.62	1.00	04/13/2021	ND	2.31	116	2.00	1.59	
Toluene*	14.8	1.00	04/13/2021	ND	2.18	109	2.00	1.48	
Ethylbenzene*	17.2	1.00	04/13/2021	ND	2.18	109	2.00	1.76	
Total Xylenes*	37.1	3.00	04/13/2021	ND	6.47	108	6.00	1.95	
Total BTEX	70.8	6.00	04/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16800	16.0	04/14/2021	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1740	500	04/14/2021	ND	208	104	200	0.488	
DRO >C10-C28*	96800	500	04/14/2021	ND	217	108	200	1.30	
EXT DRO >C28-C36	28800	500	04/14/2021	ND					
Surrogate: 1-Chlorooctane	494 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	4580	% 42.2-15	6						

A ... - L ... - - - I D. .. MC

Cardinal Laboratories *=Accredited Analyte

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Celey & Keene



Analytical Results For:

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

Received: 04/13/2021 Reported: 04/14/2021

Project Name: MC ELVAIN Project Number: NONE GIVEN **HOBBS** Project Location:

Sampling Date: 04/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: 1 (H210931-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.074	0.050	04/13/2021	ND	2.31	116	2.00	1.59	
Toluene*	0.446	0.050	04/13/2021	ND	2.18	109	2.00	1.48	
Ethylbenzene*	0.490	0.050	04/13/2021	ND	2.18	109	2.00	1.76	
Total Xylenes*	1.15	0.150	04/13/2021	ND	6.47	108	6.00	1.95	
Total BTEX	2.16	0.300	04/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 % 73.3-1.		9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	04/14/2021	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*	18.9	10.0	04/13/2021	ND	208	104	200	0.488	
DRO >C10-C28*	61.1	10.0	04/13/2021	ND	217	108	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	04/13/2021	ND					
Surrogate: 1-Chlorooctane	94.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	103 9	% 42.2-15	6						

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Celeg D. Freene



Analytical Results For:

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

Received: 04/13/2021 Reported: 04/14/2021 Project Name: MC ELVAIN

Project Number: NONE GIVEN
Project Location: HOBBS

Sampling Date: 04/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: 2 (H210931-03)

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	04/13/2021	ND	2.31	116	2.00	1.59	
Toluene*	0.101	0.050	04/13/2021	ND	2.18	109	2.00	1.48	
Ethylbenzene*	0.092	0.050	04/13/2021	ND	2.18	109	2.00	1.76	
Total Xylenes*	0.232	0.150	04/13/2021	ND	6.47	108	6.00	1.95	
Total BTEX	0.426	0.300	04/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/14/2021	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.5	10.0	04/13/2021	ND	208	104	200	0.488	
DRO >C10-C28*	173	10.0	04/13/2021	ND	217	108	200	1.30	
EXT DRO >C28-C36	30.9	10.0	04/13/2021	ND					
Surrogate: 1-Chlorooctane	94.2	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	113	% 42.2-15	6						

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Celey D. Keene



Analytical Results For:

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

Received: 04/13/2021
Reported: 04/14/2021
Project Name: MC FLVAIN

Project Name: MC ELVAIN
Project Number: NONE GIVEN
Project Location: HOBBS

Sampling Date: 04/13/2021

Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: 3 (H210931-04)

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	04/13/2021	ND	2.31	116	2.00	1.59	
Toluene*	0.301	0.050	04/13/2021	ND	2.18	109	2.00	1.48	
Ethylbenzene*	0.423	0.050	04/13/2021	ND	2.18	109	2.00	1.76	
Total Xylenes*	1.08	0.150	04/13/2021	ND	6.47	108	6.00	1.95	
Total BTEX	1.80	0.300	04/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/14/2021	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*	31.5	10.0	04/13/2021	ND	208	104	200	0.488	
DRO >C10-C28*	347	10.0	04/13/2021	ND	217	108	200	1.30	
EXT DRO >C28-C36	52.7	10.0	04/13/2021	ND					
Surrogate: 1-Chlorooctane	91.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	115	% 42.2-15	6						

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Celey D. Kreine



Notes and Definitions

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

## Project Manager: ## And FAX (575) 393-2476 ## Oject Manager: ## And FAX (575) 393-2476 ## Company Name: ## Company: ## Address: ## Ad	BILL TO BILL TO BILL TO	To the ound Time: meter ID #113 meter ID #113 meter ID #113	Refinquished By: Refinquished By: Refinquished By: Circle One)	PLEASE NOTE: Liability and C analyses. All dalms including t		7	to l	7	18-60187	Lab I.D.	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:	101
## Company: Zip: Attn: Attn: Address: City: State: Phone #: Fax #: PRESERV. SAMP ## COUNDWATER GROUNDWATER GROUNDWATER GROUNDWATER JOIL JOIL SILUAGE OTHER ACID/BASI OTHER DATE ACID/BASI OTHER COL Intact OHERED BY: Received By: Received By: Col Intact Col Intact (Initials)	2476 BILL TO P.O. #: Company: Adth: Addresss: City: State: Zip: MATRIX PRESERV SAMPLING PRESERV SAMPLING PRESERV SAMPLING PRESERV Fax #: Fax	ANALYS ANALYS	Date: Date: Date: Corrected Te	armages. Cardinal's liability and client's exclusive ren those for negligence and any other cause whatsoever inal be liable for incidental or consequental damages		c	. دو س	- 571		Sample I.D.	1.10/CL 13/00/1	290	MC Elvain		Fax #:	State:	0	Hayes Adams	Rx Sail	East Marland, Hobbs, NM 8 75) 393-2326 FAX (575) 393
P.O. #: Company: Address: City: State: Zip: Phone #: PRESERV. SAMP PRESERV. SAMP OTHER ACID/BASE: ICE / COOL OTHER ACID/BASE: OTHER ACID/BASE: ICE / COOL OTHER CHECKED BY: CHECKED BY: (Initials)	REMARKS: BILL TO P.O. #: Company: Attn: Address: City: State: Zip: PRESERV. SAMPLING PRESERV. SAMPLING PRESERV. SAMPLING ACID / COMPAND ACID / COM	ANALYS ANALYS	eceived eceived	edy for any claim arising winever seeds for any claim arising winever made in writing shall be deemed walved unless made in writing including without limitation, business inferrupt and the Carrieral repeatiless of whether	and the Search in Occ				# C GF W/ SC OI	CONTAINERS ROUNDWATER ASTEWATER DIL	MATRIX			ner:		ZIP:	1			2476
	TIME TIME TIME TIME A b C C C C C C C C C	ANALYS ANALYS	CHECKED (Initials)	ig and received by Cardinal within 30 days aft lone, loss of use, or loss of profits incurred by chair: is taccd up in any of the above stated in	tract or tort, shall be limited to the amount pe			- 5	O O	THER: CID/BASE: CE / COOL OTHER:	T		#		City	Address:	Attn:	Company:	*	



September 20, 2021

HAYES ADAMS

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: MC ELVAIN

Enclosed are the results of analyses for samples received by the laboratory on 09/17/21 8:00.

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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 09/17/2021
Reported: 09/20/2021
Project Name: MC ELVAIN
Project Number: MC ELVAIN #5

Project Number: MC ELVAIN
Project Location: HOBBS

Sampling Date: 09/15/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Celey D. Keene

Sample ID: S1 2' (H212594-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: GM Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier Analyte Result 400 Chloride 448 16.0 09/20/2021 ND 100 400 7.69

Sample ID: S2 2' (H212594-02)

Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 176 16.0 09/20/2021 ND 400 100 400 7.69

Sample ID: S3 2' (H212594-03)

Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 16.0 09/20/2021 400 7.69 224 ND 400 100

Sample ID: S4 2' (H212594-04)

Chloride, SM4500Cl-B mg/kg Analyzed By: GM Reporting Limit Analyzed Method Blank True Value QC RPD Qualifier Analyte Result BS % Recovery Chloride 64.0 16.0 09/20/2021 ND 400 400 7.69 100

Cardinal Laboratories *=Accredited Analyte

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Celeg & Freene



Analytical Results For:

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

Fax To: NA

Received: 09/17/2021 Sampling Date: 09/15/2021

Reported: 09/20/2021 Sampling Type: Soil Project Name: Sampling Condition: Cool & Intact MC ELVAIN

Project Number: MC ELVAIN #5 Sample Received By: Celey D. Keene

Project Location: **HOBBS**

464

16.0

Sample ID: S5 2' (H212594-05)

Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 09/20/2021 ND 400 100 400 7.69

Sample ID: S6 2' (H212594-06)

Chloride, SM4500Cl-B Analyzed By: GM mg/kg Analyzed BS True Value QC RPD Qualifier Analyte Result Reporting Limit Method Blank % Recovery Chloride 400 16.0 09/20/2021 400 400 7.69 ND 100

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



L_	(575) 393-2326 FAX (575) 393-2476	2476	71117		ANALYSIS BEOLIEST	_
Project Manager:	House Adams		P.O.#:			_
Address:			Company:			
City:	State:	Zip:	Attn:			_
Phone #:	Fax #:		Address:			_
Project #:	Project Owner:		City:			_
ame:	Mc Elvain #5		State: Zip:			
Project Location:	Hobbs		Phone #:	es	ī	
Sampler Name:	tayes		Fax #:	J.		_
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Chie		
6			_	Som		
38	25 2F+					
2						
06	56 XFF					
PLEASE NOTE: Liability and Damage analyses. All claims including those to service. In no event shall Cardinal be I	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 of loss of profits incurred by client, its substituties.	or any claim airising whether based in contract to deemed waived unless made in writing and they demend waived unless made in writing and dispatchers. I have a support of which the same claim	or tort, shall be limited to the amount paid by the client for the the control of the control of the control of the a coss of use or loss of profits incurred by client, its subsidiaries, the based from am of the above stated reasons or otherwise.	by the client for the completion of the applicable lient. Its subsidiaries, sons or otherwise.		
Relinquished By:	ance of	D	Verbai Results All Results REMARKS	ult: ☐ Yes ☐ No are emailed. Please provi ::	Add'I Phone #: ide Email address:	
Relinduished By:	Date: Time:	Received By:	O.	KEMAKNO		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Other: Corrected Temp. °C 3, 2 °C	C 3, 2 °C Sample Condition Cool Intact Cool Intact Yes Yes	ion CHECKED BY: (Initials) s CM # 1/3	Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor None	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No Corrected Temp. °C	



September 22, 2021

HAYES ADAMS

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: MC ELVAIN

Enclosed are the results of analyses for samples received by the laboratory on 09/17/21 8:00.

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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 09/17/2021
Reported: 09/22/2021
Project Name: MC ELVAIN
Project Number: MC ELVAIN #5

Project Location: HOBBS, NM

Sampling Date: 09/15/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Celey D. Keene

Sample ID: S1 4' (H212595-01)

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	09/17/2021	ND	2.11	105	2.00	3.56	
Toluene*	< 0.050	0.050	09/17/2021	ND	2.05	103	2.00	2.00	
Ethylbenzene*	< 0.050	0.050	09/17/2021	ND	2.03	102	2.00	1.31	
Total Xylenes*	<0.150	0.150	09/17/2021	ND	6.22	104	6.00	1.92	
Total BTEX	<0.300	0.300	09/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
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	09/21/2021	ND	209	105	200	4.48	
DRO >C10-C28*	104	10.0	09/21/2021	ND	205	103	200	3.97	
EXT DRO >C28-C36	20.5	10.0	09/21/2021	ND					
Surrogate: 1-Chlorooctane	80.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.4	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

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

Received: 09/17/2021 Sampling Date: 09/15/2021

Reported: 09/22/2021 Sampling Type: Soil

Project Name: MC ELVAIN Sampling Condition: Cool & Intact
Project Number: MC ELVAIN #5 Sample Received By: Celey D. Keene

Project Location: HOBBS, NM

Sample ID: S2 4' (H212595-02)

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	09/17/2021	ND	2.11	105	2.00	3.56	
Toluene*	<0.050	0.050	09/17/2021	ND	2.05	103	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/17/2021	ND	2.03	102	2.00	1.31	
Total Xylenes*	<0.150	0.150	09/17/2021	ND	6.22	104	6.00	1.92	
Total BTEX	<0.300	0.300	09/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 69.9-14	0						
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	09/21/2021	ND	209	105	200	4.48	
DRO >C10-C28*	29.2	10.0	09/21/2021	ND	205	103	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	09/21/2021	ND					
Surrogate: 1-Chlorooctane	71.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	73.0	% 38.9-14	2						

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Celey D. Keine



Analytical Results For:

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

Received: 09/17/2021 Sampling Date: 09/15/2021

Reported: 09/22/2021 Sampling Type: Soil

Project Name: MC ELVAIN Sampling Condition: Cool & Intact
Project Number: MC ELVAIN #5 Sample Received By: Celey D. Keene

Project Location: HOBBS, NM

Sample ID: S3 4' (H212595-03)

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	09/17/2021	ND	2.11	105	2.00	3.56	
Toluene*	<0.050	0.050	09/17/2021	ND	2.05	103	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/17/2021	ND	2.03	102	2.00	1.31	
Total Xylenes*	<0.150	0.150	09/17/2021	ND	6.22	104	6.00	1.92	
Total BTEX	<0.300	0.300	09/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
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	09/21/2021	ND	209	105	200	4.48	
DRO >C10-C28*	15.8	10.0	09/21/2021	ND	205	103	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	09/21/2021	ND					
Surrogate: 1-Chlorooctane	80.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	81.4	% 38.9-14	22						

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Celey D. Keine



Analytical Results For:

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

 Received:
 09/17/2021
 Sampling Date:
 09/15/2021

 Reported:
 09/22/2021
 Sampling Type:
 Soil

Project Name: MC ELVAIN Sampling Condition: Cool & Intact
Project Number: MC ELVAIN #5 Sample Received By: Celey D. Keene

Project Location: HOBBS, NM

Sample ID: S4 4' (H212595-04)

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	09/17/2021	ND	2.11	105	2.00	3.56	
Toluene*	<0.050	0.050	09/17/2021	ND	2.05	103	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/17/2021	ND	2.03	102	2.00	1.31	
Total Xylenes*	<0.150	0.150	09/17/2021	ND	6.22	104	6.00	1.92	
Total BTEX	<0.300	0.300	09/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
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	09/20/2021	ND	198	98.9	200	1.79	
DRO >C10-C28*	73.0	10.0	09/20/2021	ND	217	109	200	1.35	
EXT DRO >C28-C36	12.3	10.0	09/20/2021	ND					
Surrogate: 1-Chlorooctane	82.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	76.5	% 38.9-14	2						

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Analytical Results For:

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

 Received:
 09/17/2021
 Sampling Date:
 09/15/2021

 Reported:
 09/22/2021
 Sampling Type:
 Soil

Project Name: MC ELVAIN Sampling Condition: Cool & Intact
Project Number: MC ELVAIN #5 Sample Received By: Celey D. Keene

Project Location: HOBBS, NM

Sample ID: S5 4' (H212595-05)

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	09/17/2021	ND	2.11	105	2.00	3.56	
Toluene*	<0.050	0.050	09/17/2021	ND	2.05	103	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/17/2021	ND	2.03	102	2.00	1.31	
Total Xylenes*	<0.150	0.150	09/17/2021	ND	6.22	104	6.00	1.92	
Total BTEX	<0.300	0.300	09/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
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	09/20/2021	ND	198	98.9	200	1.79	
DRO >C10-C28*	740	10.0	09/20/2021	ND	217	109	200	1.35	
EXT DRO >C28-C36	210	10.0	09/20/2021	ND					
Surrogate: 1-Chlorooctane	83.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	98.9	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

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

 Received:
 09/17/2021
 Sampling Date:
 09/15/2021

 Reported:
 09/22/2021
 Sampling Type:
 Soil

Project Name: MC ELVAIN Sampling Condition: Cool & Intact
Project Number: MC ELVAIN #5 Sample Received By: Celey D. Keene

Project Location: HOBBS, NM

Sample ID: S6 4' (H212595-06)

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	09/17/2021	ND	2.11	105	2.00	3.56	
Toluene*	<0.050	0.050	09/17/2021	ND	2.05	103	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/17/2021	ND	2.03	102	2.00	1.31	
Total Xylenes*	<0.150	0.150	09/17/2021	ND	6.22	104	6.00	1.92	
Total BTEX	<0.300	0.300	09/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
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	09/20/2021	ND	198	98.9	200	1.79	
DRO >C10-C28*	<10.0	10.0	09/20/2021	ND	217	109	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	09/20/2021	ND					
Surrogate: 1-Chlorooctane	88.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	80.8	% 38.9-14	2						

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Celey D. Keine



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



State: Zip: Address: Fax #: Project Owner: City: State: Zip: Phone #: Fax #: Phone #: Fax #: State: Zip: Phone #: Fax #: Fax #: Phone #: Fax #: Fax #: State: Zip: Phone #: Fax #: Fax #: State: Zip: Phone #: Fax #: Fax #: Fax #: Phone #: Fax #: Phone #: Fax #: Fax #: Phone #: Fax #: Fax #: Fax #: Fax #: Fax #: Phone #: Fax #	Project Manager:	Address:	City.	Phone #:	Project #:	ame:	Project Location:	Sampler Name:	FOR LAB USE ONLY	Lab I.D. 2 2585	<u> </u>	2,2	20	PLEASE NOTE: Liability and Dan analyses. All claims including thor service. In no event shall Cardinal afficiency or successors arising out	Relinquished By:	Relinquished By:	Delivered By: (Circle One) Sampler - UPS - Bus - Other:	FORM-000 K 3
Time: Standard Rush ID #113 Ctor None Cor None Cor None Cor None Rush ID #113 Ctor None Rus	Hayes	Ctoto.		rax #:					C	sample I.				nages. Cardinal's liability and client's exclusive remedy se for negligence and any other cause whatsoever shi I be liable for incidental or consequental damages, inci of or related to the septomance of services hereunde	9	Date:		:1 06/04/20 + Cardin
Time: Standard Rush ID #113 Ctor None Cor None Cor None Cor None Rush ID #113 Ctor None Rus	P.O. #: Company:			- Consissed			Phone #:		R MATRIX PRESERV.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:				for any daim arising whether based in contract or lort, shall be limited to the amoi till be deemed waiwed unless made in writing and received by Cardinal within 20 de following without limitation, business interruptions, loss of use, or loss of profits incredu t by Cardinal, regardless of whether such claim of based upon any of the above six	ed By:	V	Sample Condition Cool Intact Yes Tres	al cannot accept verbal changes. Please email
Add'l Phone #: Vide Email address: Cool Intact Cool Intact Yes Yes No No									PH	TIME				pplicable		REMARKS:	Turnaround Time: Thermometer ID #113 Correction Factor None	changes to celey.keene@cardinalla
N) Sample Condition Observed Temp. °C Corrected Temp. °C				_											Add'l Phone #: ovide Email address:		Bacteria (only) S Cool Intact Yes Yes Nc No	



September 28, 2021

HAYES ADAMS

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: MC ELVAIN

Enclosed are the results of analyses for samples received by the laboratory on 09/23/21 15:26.

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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 09/23/2021
Reported: 09/28/2021
Project Name: MC ELVAIN
Project Number: MC ELVAIN #5

Project Number: MC ELVAIN #5
Project Location: HOBBS, NM

Sampling Date: 09/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: MC ELVAIN 1 (H212650-01)

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	09/24/2021	ND	2.03	101	2.00	5.21	
Toluene*	<0.050	0.050	09/24/2021	ND	2.21	110	2.00	5.43	
Ethylbenzene*	<0.050	0.050	09/24/2021	ND	2.14	107	2.00	4.89	
Total Xylenes*	<0.150	0.150	09/24/2021	ND	6.40	107	6.00	4.77	
Total BTEX	<0.300	0.300	09/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
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	09/24/2021	ND	216	108	200	3.54	
DRO >C10-C28*	18.2	10.0	09/24/2021	ND	211	105	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	09/24/2021	ND					
Surrogate: 1-Chlorooctane	68.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	66.4	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

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

Fax To: NA

Received: 09/23/2021 Sampling Date: 09/23/2021

Reported: 09/28/2021 Sampling Type: Soil
Project Name: MC ELVAIN Sampling Condition: Cool & Intact

Project Number: MC ELVAIN #5 Sample Received By: Tamara Oldaker

Project Location: HOBBS, NM

Sample ID: MC ELVAIN 5 (H212650-02)

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	09/24/2021	ND	2.03	101	2.00	5.21	
Toluene*	< 0.050	0.050	09/24/2021	ND	2.21	110	2.00	5.43	
Ethylbenzene*	<0.050	0.050	09/24/2021	ND	2.14	107	2.00	4.89	
Total Xylenes*	<0.150	0.150	09/24/2021	ND	6.40	107	6.00	4.77	
Total BTEX	<0.300	0.300	09/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 69.9-14	0						
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*	17.5	10.0	09/24/2021	ND	216	108	200	3.54	
DRO >C10-C28*	775	10.0	09/24/2021	ND	211	105	200	3.56	
EXT DRO >C28-C36	179	10.0	09/24/2021	ND					
Surrogate: 1-Chlorooctane	87.5 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	98.2 9	% 38.9-14	2						

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Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celey D. Keine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

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

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinquished By:	Relinquished By:	analyses. All claims including thos service. In no event shall Cardinal	PLEASE NOTE: Liability and Dam	1	-	Halala	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:
Bus - Other: Corrected Temp. °C 4.2	Date:	sors arising out of or related to the performance of services hereunder by led By: Date: 9/13	analyses. All claims including those for repligence and any other causes whatsoever shall be demed on a way are arranged whether guest in contract or fort, shall be landed to the amount paid by the client for the service. In no event shall be demended and any other causes whatsoever shall be demended waved unless made in witting and received by Cardinal wittin 300 sets affer complete after the applicable service. In no event shall be arranged to the contract of the contract	ages. Cardinal's liability and client's exclusive remety to	Mc Elvain 5			Sample I.D.	C	Mayes	Hobbs, NM	PKE VAIN #5	Project Owner:	Fax #:	State:	0	Hayes	8x 5011
4.2 Sample Condition Cool Intact Tes Tes No No	Received By:	Date: 9/13 Received, By:	or any ciaim arising whether based in contract or tort, so be deemed walved unless made in writing and receive fing without limitation, business internutions, loss of u	s any claim adeless which have discontinues as a second			# CONTA GROUND WASTEW SOIL OIL SLUDGE OTHER:	OWATER VATER	MATRIX	Fax #:	Ph	State:	ner: City:	Ad	Zip: Attn:	Co	P.O.	
CHECKED BY: Turna (Initials) Therm Correct	Wakye REM	upon any of the above stated reasons or Verb	hall be limited to the amount paid by the o id by Cardinal within 30 days after completes or loss of profits incurred by client like a		7/23 10:				PRESERV. SAMPLING	(#:	Phone #:	te: Zip:	y:	Address:	n:	Company:	0. #:	BILL TO
Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor None	REMARKS:	ons or otherwise. Werbal Result: Yes No	lient for the lon of the applicable		10:30	10:20	TIME	TPI										
Bacteria (only) Sample Condition Cool. Intact Observed Temp. °C	ne mai duress.	Add'l Phone #:																ANALYSIS REQUEST



October 14, 2021

HAYES ADAMS

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: MC ELVAIN

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

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 10/12/2021 Reported: 10/14/2021 Project Name: MC ELVAIN Project Number:

NONE GIVEN HOBBS, NM

Sampling Date: 10/11/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: MC ELVAIN 5 (H212847-01)

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	10/13/2021	ND	1.92	95.8	2.00	3.85	
Toluene*	<0.050	0.050	10/13/2021	ND	1.82	91.2	2.00	0.00	
Ethylbenzene*	< 0.050	0.050	10/13/2021	ND	1.91	95.5	2.00	5.34	
Total Xylenes*	<0.150	0.150	10/13/2021	ND	5.68	94.7	6.00	4.66	
Total BTEX	<0.300	0.300	10/13/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2021	ND	192	95.8	200	8.17	
DRO >C10-C28*	<10.0	10.0	10/13/2021	ND	212	106	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	10/13/2021	ND					
Surrogate: 1-Chlorooctane	115 %	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	128 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Notes and Definitions

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by 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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Delivered By: (Circle One) Sampler - UPS - Bus - Other:	delinquished By:	LEASE NOTE: Liability and Damages. Cardinal's liability and nalyses. All claims including those for negligence and any oft nnice. In no event shall Cardinal be liable for incidental or co filtrates or successors arising out of or related to the performa believed.		M.	Lab I.D. Halasuz	FOR LAB USE ONLY	Sampler Name:	roject Location:	roject Name: M.C	roject #:	hone #:	City:	Address:	Project Manager:	company Name:
Observed Temp. °C0.2 ther: Corrected Temp. °C7	Time:	nsequence of		Elvain S	Sample I.D.		Heyes	Hobbs	CElvain	Project Owner:	Fax #:	State:		Hayos	RXSoil
Cool Intact Cool Intact Cool Intact No No No	Received By:	rry claim arising whether based in contract or to deemed waived unless made in writing and rec- g without limitation, business interruptions, loss- ardinal, regardless of whether such claim is ba		×	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	P. MATRIX	F	P	S		A	Zip: A	C	P	
CHECKED BY: (Initials)	Makeye	ort, shall be limited to the amount paid ceived by Cardinal within 30 days after of use, or loss of profits incurred by cli- ased upon any of the above stated reas			ACID/BASE: ICE / COOL OTHER :	PRESERV. SAMPLING	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn:	Company:	P.O. #:	BILL 10
Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor None 0,5	All Results are emailed. Please provide Email address: REMARKS:	pplicable		5pm XX	TPH Btet	LING									
Bacteria (only) S Cool Intact Yes Yes Nc No	ovide Email address:	Addii Bhoso #-													ANALYSIS REQUEST
ample Condition Observed Temp. °C Corrected Temp. °C								Q.							



November 09, 2021

HAYES ADAMS

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: MC ELVAIN

Enclosed are the results of analyses for samples received by the laboratory on 11/04/21 10:25.

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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

 Received:
 11/04/2021
 Sampling Date:
 11/02/2021

 Reported:
 11/09/2021
 Sampling Type:
 Soil

Project Name: MC ELVAIN Sampling Condition: Cool & Intact
Project Number: PRIMA MC ELVAIN Sample Received By: Tamara Oldaker

Project Location: HOBBS, NM

Sample ID: 3 (H213119-01)

Analyte	Result <0.050	Reporting Limit	Analyzed	Method Blank	DC				
Danzona*	<0.050			ricaica Blaint	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		0.050	11/05/2021	ND	2.12	106	2.00	6.61	GC-NC
Toluene*	1.34	0.050	11/05/2021	ND	2.03	101	2.00	6.48	
Ethylbenzene*	4.23	0.050	11/05/2021	ND	2.06	103	2.00	6.57	
Total Xylenes*	9.43	0.150	11/05/2021	ND	6.28	105	6.00	5.72	
Total BTEX	15.0	0.300	11/05/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	300	% 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	560	16.0	11/04/2021	ND	400	100	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*	321	10.0	11/05/2021	ND	194	96.9	200	9.93	
DRO >C10-C28*	2880	10.0	11/05/2021	ND	204	102	200	8.39	
EXT DRO >C28-C36	581	10.0	11/05/2021	ND					
Surrogate: 1-Chlorooctane	118 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	94.7	% 38.9-14	2						

Cardinal Laboratories

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte

C-04



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

Analytical Results For:

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

Received: 11/04/2021 Sampling Date: 11/02/2021

Reported: 11/09/2021 Sampling Type: Soil

Project Name: MC ELVAIN Sampling Condition: Cool & Intact
Project Number: PRIMA MC ELVAIN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: HOBBS, NM

ma/ka

Sample ID: 4 (H213119-02)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2021	ND	2.08	104	2.00	2.92	
Toluene*	0.162	0.050	11/08/2021	ND	2.00	99.8	2.00	3.72	
Ethylbenzene*	<0.050	0.050	11/08/2021	ND	1.99	99.3	2.00	2.80	
Total Xylenes*	2.26	0.150	11/08/2021	ND	6.10	102	6.00	2.80	GC-NC1
Total BTEX	2.42	0.300	11/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	195	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	11/04/2021	ND	400	100	400	0.00	
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*	48.2	10.0	11/05/2021	ND	194	96.9	200	9.93	
DRO >C10-C28*	846	10.0	11/05/2021	ND	204	102	200	8.39	
EXT DRO >C28-C36	178	10.0	11/05/2021	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	103	% 38.9-14	2						

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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 whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 11/04/2021 Sampling Date: 11/02/2021

Reported: 11/09/2021 Sampling Type: Soil

Project Name: MC ELVAIN Sampling Condition: Cool & Intact
Project Number: PRIMA MC ELVAIN Sample Received By: Tamara Oldaker

Project Location: HOBBS, NM

Sample ID: 5 (H213119-03)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2021	ND	2.08	104	2.00	2.92	
Toluene*	0.109	0.050	11/08/2021	ND	2.00	99.8	2.00	3.72	
Ethylbenzene*	<0.050	0.050	11/08/2021	ND	1.99	99.3	2.00	2.80	
Total Xylenes*	1.08	0.150	11/08/2021	ND	6.10	102	6.00	2.80	GC-NC1
Total BTEX	1.19	0.300	11/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	154	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	11/04/2021	ND	400	100	400	0.00	
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	11/05/2021	ND	194	96.9	200	9.93	
DRO >C10-C28*	287	10.0	11/05/2021	ND	204	102	200	8.39	
EXT DRO >C28-C36	55.2	10.0	11/05/2021	ND					
Surrogate: 1-Chlorooctane	78.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	82.7	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine



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

Analytical Results For:

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

Received: 11/04/2021 Sampling Date: 11/02/2021

Reported: 11/09/2021 Sampling Type: Soil

Project Name: MC ELVAIN Sampling Condition: Cool & Intact Sample Received By: Project Number: PRIMA MC ELVAIN Tamara Oldaker

Project Location: HOBBS, NM

Sample ID: 6 (H213119-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2021	ND	2.08	104	2.00	2.92	GC-NC
Toluene*	0.309	0.050	11/08/2021	ND	2.00	99.8	2.00	3.72	
Ethylbenzene*	0.678	0.050	11/08/2021	ND	1.99	99.3	2.00	2.80	
Total Xylenes*	2.51	0.150	11/08/2021	ND	6.10	102	6.00	2.80	
Total BTEX	3.49	0.300	11/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	196	% 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	192	16.0	11/04/2021	ND	400	100	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*	45.5	10.0	11/05/2021	ND	194	96.9	200	9.93	
DRO >C10-C28*	773	10.0	11/05/2021	ND	204	102	200	8.39	
EXT DRO >C28-C36	173	10.0	11/05/2021	ND					
Surrogate: 1-Chlorooctane	79.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	93.2	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine

S-04



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

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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

The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples not received at proper temperature of 6°C or below.

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

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene

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

-6-8

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

C-0.50

· HIB

10

CHECKED BY: (Initials)



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(2/2) 393-2326 FAX (2/2) 393-24/6	/6					
Company Name:	Rx Soil		BILL TO			ANALYSIS REQUEST	
Project Manager:	· Brock Longerier	F	P.O. #:				Ц
Address:	C	0	Company:				
City:	State:	Zip:	Attn:		_		
Phone #:	Fax #:		Address:				
Project #:	Project Owner:		City:				
Project Name:	Prima McElvain		State: Zip:				
Project Location:	HODDS, NM	T.	Phone #:		5		
Sampler Name:	Breck Long CHES	77	Fax #:		de		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: CE / COOL OTHER :	TP P	Chior B Te		
2-	L W	**		MUSON X	- *		
M	5	×	12/20/11	1:07 PM	4		
4	R	*	Nocla	X Wall: I	× ×		
nalyses, All claims including envice. In no event shall Car filliates or successors arising	those for negligence and any other cause whatsoever shall be final be liable for incidental or consequental damages, includir out of or related to the performance of services hereunder by	deenned walved unless made in witting and received by ng without limitation, business interruptions, loss of use, o Cardinal, regardless of whether such claim is based upor	ceived by Cardinal within 30 days aff s of use, or loss of profits incurred by assed upon any of the above stated r	ter completion of the application, its subsidiaries, assons or otherwise.	cable		
shed B	Date:	ived By	aldakqu	Phone Result: Fax Result: REMARKS:	□ Yes □ No	Add'I Phone #: Add'I Fax #:	
	Time:						

Page 7 of 7



December 02, 2021

HAYES ADAMS

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: MC ELVAIN

Enclosed are the results of analyses for samples received by the laboratory on 12/01/21 8:30.

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.

Celey D. Keene

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. Keene

Lab Director/Quality Manager



11/30/2021

Analytical Results For:

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

Fax To: NA

Received: 12/01/2021 Sampling Date:

Reported: 12/02/2021 Sampling Type: Soil

Project Name: MC ELVAIN Sampling Condition: Cool & Intact
Project Number: MC ELVAIN #5 Sample Received By: Tamara Oldaker

Project Location: HOBBS, NM

Sample ID: MC ELVAIN # 1 (H213422-01)

Chloride, SM4500Cl-B Analyzed By: GM Analyte Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Oualifier Result 400 400 400 Chloride 16.0 12/01/2021 ND 100 7.69

Sample ID: MC ELVAIN # 2 (H213422-02)

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	12/01/2021	ND	400	100	400	7.69	

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Celeg D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(5	575) 393-2326 FAX (575) 393-2476	2476				
Company Name:	100 Co.		BILL TO		ANALYSIS REQUEST	1
Project Manager:	Hours Adams		P.O. #:			
Address:			Company:			
City:	State:	Zip:	Attn:			
Phone #:	Fax #:		Address:			
Project #:	Project Owner:	ier:	City:			
Project Name:	McElvain #7	,	State: Zip:			
Project Location:	WM Eggard		Phone #:	25		
Sampler Name:			Fax #:	de		
Sampler Name:	(3)	MATRIX	PRESERV. SAMPLING			
FOR LAB USE ONLY	Ċ	R		lov		
Lab I.D.	Sample I.D.	(G)RAB OR (C)O # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME		
milion	MCE (VAIN #)	#		You		
6-	VAS					
				, , , , , , , , , , , , , , , , , , ,		
PLEASE NOTE: Liability and Dranalyses. All claims including the service. In no event shall Cardin	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 applicab service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service.	for any claim arising whether based in contractal be deemed waived unless made in writing at tuding without limitation, business interruptions	t or tort, shall be limited to the amount pake of received by Cardinal within 30 days after loss of use, or loss of profits incurred by contract of the above stated reco	by the client for the completion of the applicable lient, its subsidiaries, sons or otherwise.		
Relinquished By:	Date:	- 9	Malabar	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:	Add'I Phone #: rovide Email address:	
Relinquished By:	Date:	Received By:		REMARKS:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	le One) Observed Temp. °C/, 8	°C 1.8 Sample Condition Cool Intact Yes	CHECKED BY: (Initials)	Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor -0.5°C	d Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No Corrected Temp. °C	



December 29, 2021

HAYES ADAMS

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: MC ELVAIN

Enclosed are the results of analyses for samples received by the laboratory on 12/23/21 8:35.

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.

Celey D. Keene

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 12/23/2021
Reported: 12/29/2021
Project Name: MC ELVAIN
Project Number: NONE CIVEN

Project Number: NONE GIVEN
Project Location: HOBBS, NM

Sampling Date: 12/22/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: MC ELVAIN TB 1 (H213706-01)

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	12/23/2021	ND	2.13	107	2.00	4.98	
Toluene*	<0.050	0.050	12/23/2021	ND	2.02	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.99	99.4	2.00	5.32	
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.17	103	6.00	5.59	
Total BTEX	<0.300	0.300	12/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/28/2021	ND	208	104	200	2.37	
DRO >C10-C28*	905	10.0	12/28/2021	ND	219	109	200	3.58	
EXT DRO >C28-C36	181	10.0	12/28/2021	ND					
Surrogate: 1-Chlorooctane	118 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	145 %	59.5-14	2						

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Celey & Keene



Analytical Results For:

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

Received: 12/23/2021 Reported: 12/29/2021

Project Name: MC ELVAIN
Project Number: NONE GIVEN
Project Location: HOBBS, NM

Sampling Date: 12/22/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: MC ELVAIN TB 2 (H213706-02)

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	12/23/2021	ND	2.13	107	2.00	4.98	
Toluene*	<0.050	0.050	12/23/2021	ND	2.02	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.99	99.4	2.00	5.32	
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.17	103	6.00	5.59	
Total BTEX	<0.300	0.300	12/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	208	104	200	2.37	
DRO >C10-C28*	1200	10.0	12/23/2021	ND	219	109	200	3.58	
EXT DRO >C28-C36	315	10.0	12/23/2021	ND					
Surrogate: 1-Chlorooctane	90.1	% 62-130)						
Surrogate: 1-Chlorooctadecane	122	% 54.5-13	5						

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Celey D. Keine



Analytical Results For:

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

Received: 12/23/2021
Reported: 12/29/2021
Project Name: MC ELVAIN

Project Name: MC ELVAIN
Project Number: NONE GIVEN
Project Location: HOBBS, NM

Sampling Date: 12/22/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: MC ELVAIN TB 3 (H213706-03)

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	12/23/2021	ND	2.13	107	2.00	4.98	
Toluene*	<0.050	0.050	12/23/2021	ND	2.02	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.99	99.4	2.00	5.32	
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.17	103	6.00	5.59	
Total BTEX	<0.300	0.300	12/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 69.9-14	0						
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	208	104	200	2.37	
DRO >C10-C28*	666	10.0	12/23/2021	ND	219	109	200	3.58	
EXT DRO >C28-C36	148	10.0	12/23/2021	ND					
Surrogate: 1-Chlorooctane	93.8	% 62-130)						
Surrogate: 1-Chlorooctadecane	119	% 54.5-13	5						

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Celey D. Keine



Analytical Results For:

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

Received: 12/23/2021
Reported: 12/29/2021

Project Name: MC ELVAIN
Project Number: NONE GIVEN
Project Location: HOBBS, NM

Sampling Date: 12/22/2021

Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: MC ELVAIN TB 4 (H213706-04)

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	12/28/2021	ND	2.13	107	2.00	4.98	
Toluene*	0.135	0.050	12/28/2021	ND	2.02	101	2.00	5.41	
Ethylbenzene*	0.077	0.050	12/28/2021	ND	1.99	99.4	2.00	5.32	
Total Xylenes*	0.336	0.150	12/28/2021	ND	6.17	103	6.00	5.59	GC-NC1
Total BTEX	0.548	0.300	12/28/2021	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	111 %	69.9-14	0						
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	194	96.8	200	16.2	
DRO >C10-C28*	628	10.0	12/23/2021	ND	212	106	200	1.71	
EXT DRO >C28-C36	217	10.0	12/23/2021	ND					
Surrogate: 1-Chlorooctane	95.8 9	% 62-130)						
Surrogate: 1-Chlorooctadecane	112 %	6 54.5-13	5						

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Celey & Keene



Analytical Results For:

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

Received: 12/23/2021 Reported: 12/29/2021 Project Name: MC FLVAIN

Project Name: MC ELVAIN
Project Number: NONE GIVEN
Project Location: HOBBS, NM

Sampling Date: 12/22/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: MC ELVAIN TB 5 (H213706-05)

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	12/23/2021	ND	2.13	107	2.00	4.98	
Toluene*	<0.050	0.050	12/23/2021	ND	2.02	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.99	99.4	2.00	5.32	
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.17	103	6.00	5.59	
Total BTEX	<0.300	0.300	12/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	194	96.8	200	16.2	
DRO >C10-C28*	1270	10.0	12/23/2021	ND	212	106	200	1.71	
EXT DRO >C28-C36	375	10.0	12/23/2021	ND					
Surrogate: 1-Chlorooctane	91.3 9	% 62-130)						
Surrogate: 1-Chlorooctadecane	102 9	54.5-13	5						

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Celey D. Keene



Analytical Results For:

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

Received: 12/23/2021 Reported: 12/29/2021

 12/23/2021
 Sampling Date:
 12/22/2021

 12/29/2021
 Sampling Type:
 Soil

Project Name:MC ELVAINSampling Condition:Cool & IntactProject Number:NONE GIVENSample Received By:Jodi HensonProject Location:HOBBS, NM

Sample ID: MC ELVAIN TB 6 (H213706-06)

BTEX 8021B	mg,	mg/kg		Analyzed By: MS/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2021	ND	2.13	107	2.00	4.98	
Toluene*	<0.050	0.050	12/23/2021	ND	2.02	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.99	99.4	2.00	5.32	
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.17	103	6.00	5.59	GC-NC
Total BTEX	<0.300	0.300	12/23/2021	ND					

TPH 8015M	8015M mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	12/23/2021	ND	194	96.8	200	16.2	
DRO >C10-C28*	5890	50.0	12/23/2021	ND	212	106	200	1.71	
EXT DRO >C28-C36	1840	50.0	12/23/2021	ND					

Surrogate: 1-Chlorooctane 100 % 62-130 Surrogate: 1-Chlorooctadecane 173 % 54.5-135

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Celey D. Keene



Analytical Results For:

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

Received: 12/23/2021
Reported: 12/29/2021
Project Name: MC ELVAIN

Project Name: MC ELVAIN
Project Number: NONE GIVEN
Project Location: HOBBS, NM

Sampling Date: 12/22/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: MC ELVAIN CELL 1 (H213706-07)

TEX 8021B	mg/l	kg	Analyze	d By: MS/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2021	ND	2.13	107	2.00	4.98	
Toluene*	0.083	0.050	12/23/2021	ND	2.02	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.99	99.4	2.00	5.32	
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.17	103	6.00	5.59	GC-NC
Total BTEX	<0.300	0.300	12/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	218 %	69.9-14	0						
TPH 8015M	mg/l	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	57.7	10.0	12/23/2021	ND	216	108	200	3.28	
DRO >C10-C28*	2480	10.0	12/23/2021	ND	211	106	200	7.80	QM-07, QR-03
EXT DRO >C28-C36	581	10.0	12/23/2021	ND					
Surrogate: 1-Chlorooctane	116 %	62-130)						
Surrogate: 1-Chlorooctadecane	147 %	6 54.5-13	5						

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Celey D. Keine



Analytical Results For:

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

Received: 12/23/2021
Reported: 12/29/2021
Project Name: MC ELVAIN

Project Name: MC ELVAIN
Project Number: NONE GIVEN
Project Location: HOBBS, NM

Sampling Date: 12/22/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: MC ELVAIN CELL 2 (H213706-08)

BTEX 8021B	mg/kg		Analyze	d By: MS/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2021	ND	2.13	107	2.00	4.98		
Toluene*	0.090	0.050	12/23/2021	ND	2.02	101	2.00	5.41		
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.99	99.4	2.00	5.32		
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.17	103	6.00	5.59	GC-NC	
Total BTEX	<0.300	0.300	12/23/2021	ND						
Surrogate: 4-Bromofluorobenzene (PID	188 %	69.9-14	0							
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*	33.5	10.0	12/23/2021	ND	216	108	200	3.28		
DRO >C10-C28*	1470	10.0	12/23/2021	ND	211	106	200	7.80		
EXT DRO >C28-C36	397	10.0	12/23/2021	ND						
Surrogate: 1-Chlorooctane	91.9 9	62-130)							
Surrogate: 1-Chlorooctadecane	120 %	6 54.5-13	5							

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Celey & Keene



Analytical Results For:

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

Received: 12/23/2021
Reported: 12/29/2021
Project Name: MC ELVAIN

Project Name: MC ELVAIN
Project Number: NONE GIVEN
Project Location: HOBBS, NM

Sampling Date: 12/22/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: MC ELVAIN CELL 3 (H213706-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2021	ND	2.13	107	2.00	4.98	
Toluene*	0.167	0.050	12/23/2021	ND	2.02	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.99	99.4	2.00	5.32	
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.17	103	6.00	5.59	GC-NC
Total BTEX	<0.300	0.300	12/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	238 9	% 69.9-14	0						
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*	53.5	10.0	12/23/2021	ND	216	108	200	3.28	
DRO >C10-C28*	1510	10.0	12/23/2021	ND	211	106	200	7.80	
EXT DRO >C28-C36	348	10.0	12/23/2021	ND					
Surrogate: 1-Chlorooctane	94.8	% 62-130)						
Surrogate: 1-Chlorooctadecane	121 9	% 54.5-13	5						

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12/22/2021

Analytical Results For:

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

Fax To: NA

Received: 12/23/2021 Sampling Date:

Reported: 12/29/2021 Sampling Type: Soil
Project Name: MC ELVAIN Sampling Condition: Cool

Project Name: MC ELVAIN Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: HOBBS, NM

Sample ID: MC ELVAIN CELL 4 (H213706-10)

BTEX 8021B	mg/kg		Analyze	d By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/24/2021	ND	2.12	106	2.00	7.27		
Toluene*	<0.050	0.050	12/24/2021	ND	2.01	101	2.00	3.98		
Ethylbenzene*	0.135	0.050	12/24/2021	ND	2.01	101	2.00	4.93		
Total Xylenes*	1.08	0.150	12/24/2021	ND	6.36	106	6.00	6.39	GC-NC1	
Total BTEX	1.21	0.300	12/24/2021	ND					GC-NC1	
Surrogate: 4-Bromofluorobenzene (PID	206	% 69.9-14	0							
TPH 8015M	mg,	'kg	Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/28/2021	ND	216	108	200	3.28		
DRO >C10-C28*	313	10.0	12/28/2021	ND	211	106	200	7.80		
EXT DRO >C28-C36	27.8	10.0	12/28/2021	ND						
Surrogate: 1-Chlorooctane	123	% 66.9-13	6							
Surrogate: 1-Chlorooctadecane	133	% 59.5-14	2							

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Analytical Results For:

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

Received: 12/23/2021 Reported: 12/29/2021

Project Name: MC ELVAIN
Project Number: NONE GIVEN
Project Location: HOBBS, NM

Sampling Date: 12/22/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: MC ELVAIN CELL 5 (H213706-11)

BTEX 8021B	mg	/kg	Analyzed By: JH						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2021	ND	2.12	106	2.00	7.27	
Toluene*	<0.050	0.050	12/24/2021	ND	2.01	101	2.00	3.98	
Ethylbenzene*	0.090	0.050	12/24/2021	ND	2.01	101	2.00	4.93	
Total Xylenes*	0.762	0.150	12/24/2021	ND	6.36	106	6.00	6.39	GC-NC1
Total BTEX	0.851	0.300	12/24/2021	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	195	% 69.9-14	0						
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*	35.5	10.0	12/23/2021	ND	216	108	200	3.28	
DRO >C10-C28*	1910	10.0	12/23/2021	ND	211	106	200	7.80	
EXT DRO >C28-C36	484	10.0	12/23/2021	ND					
Surrogate: 1-Chlorooctane	99.9	% 62-130)						
Surrogate: 1-Chlorooctadecane	130	% 54.5-13	5						

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Analytical Results For:

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

Received: 12/23/2021
Reported: 12/29/2021
Project Name: MC ELVAIN

Project Name: MC ELVAIN
Project Number: NONE GIVEN
Project Location: HOBBS, NM

Sampling Date: 12/22/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: MC ELVAIN CELL 6 (H213706-12)

BTEX 8021B	B mg/kg		Analyze	d By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/24/2021	ND	2.12	106	2.00	7.27		
Toluene*	0.058	0.050	12/24/2021	ND	2.01	101	2.00	3.98		
Ethylbenzene*	0.161	0.050	12/24/2021	ND	2.01	101	2.00	4.93		
Total Xylenes*	1.50	0.150	12/24/2021	ND	6.36	106	6.00	6.39	GC-NC1	
Total BTEX	1.72	0.300	12/24/2021	ND					GC-NC1	
Surrogate: 4-Bromofluorobenzene (PID	249 9	69.9-14	0							
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*	47.2	10.0	12/23/2021	ND	216	108	200	3.28		
DRO >C10-C28*	1380	10.0	12/23/2021	ND	211	106	200	7.80		
EXT DRO >C28-C36	334	10.0	12/23/2021	ND						
Surrogate: 1-Chlorooctane	84.0	% 62-130)							
Surrogate: 1-Chlorooctadecane	107 9	6 54.5-13	5							

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S-06



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Notes and Definitions

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or

5-00	matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	1	Page 84 of 13
Company Name: K 50	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	CARDINAL
	1	

(F	(575) 393-2326 FAX (575) 393-2476		ANALYSIS REQUEST
company Name:	105×101	BILL	
roject Manager:	Hayes	7.0. #	
\ddress:		Company:	
City:	State:	Zip: Attn:	
hone #:	Fax #:	Address:	
project #:	Project Owner:	City:	
Project Name:	McElvain	State: ZIP:	
Project Location:	Hobbs	Phone #:	
Sampler Name:	Hayes	Fax	TING X
FOR LAB USE ONLY		MATRIX	74
H213706		ERS ATER ER	BI
Lab I.D.	Sample I.D.	(G)RAB OR # CONTAIN! GROUNDW. WASTEWAT SOIL OIL SLUDGE OTHER: ACID/BASE ICE / COOL OTHER:	TIME
9-	McElvain TBZ	-7HI	
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10 77	Cardinate liability and client's exclusive remedy (Countries liability and client's exclusive remedy for any claim artising whether based in contract or tort, shall be limited to the amount paid by the client for the	at by the client for the applicable
analyses. All claims including to the control of th	those for negligence and any other cause whatsoever shall inal be liable for incidental or consequental damages, inclu-	PLEASE NOTE: Luciony and commerced to the commerced state of the commerced states of the commerced sta	
Relinquished By:	out of or related to the performance of services hereunder	N Received By: H Received By: H Received By: H Received By:	Verbal Result:
Relinquished By:	Date:	Received By:	
Delivered By: (Circle One)	Sus - Other: Corrected Temp. °C - 8,5	°C - 8.5 Sample Condition CHECKED BY: Cool Intact Cool	Turnaround Time: Standard Cool Intact Observed Temp. °C Thermometer ID #113 Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor None - 67 5 c
PORM-000 K 3.1 00/04//20			tanamamardinallabsnm.com

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



and, Hobbs, NM 88240

Delivered By: (Circle One) Observ Sampler - UPS - Bus - Other: Correct	Relinquished By: Da	Relinquisned by:	officies : successors arising out of or related to the performance of serving	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's ex- analyses. All claims including those for negligence and any other cause w service in no event shall Cardinal be liable for incidental or consequental.				11 " " Cell	11 McFlyain Cell.	Lab I.D. Sample I.D.		4013706	Sampler Name:	Project Location:	Project Name:	Project #: Proj	Phone #: Fax #:	City: Sta	Address:	Project Manager:	
Observed Temp. °C.— S. Sample Condition CHECKED BY: True Cool Intact Chitydley The Corrected Temp. °C.— S. Q. Sample Condition CHECKED BY: True Corrected Temp. °C.— S. Q. Sample Condition CHECKED BY: True Cool Sample	Date: (Received By:	henson	ryloes hereunder by Cardinal, regardirect of whother such divinis based upon any or are above same research. Very control of the control of	hether based in contract of rort, shall be immove use surrown, years or niess made in writing and received by Cardinal within 30 days after coor these made in writing and received by Cardinal within 30 days after coor business interruptions, loss of use, or loss of the above stalled reacco				6	Ŋ	(G)RAB O # CONTAI GROUND WASTEW SOIL OIL SLUDGE OTHER: ACID/BASICE / COO OTHER:	WATE WATER		MATRIX PRESERV. SAMPLING	Fax #:	Disco #:			State: Zip: Attn:	Company:	P.O. #:	
Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor Name — ©. S < Nc Corrected Temp. °C	ì	All Results are emailed. Frease provide cilian available.	Verbal Result: Yes No Add'l Phone #:		the dispal for the					TIME		TP	H								

Page 16 of 16



January 31, 2022

JACE CARAWAY

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: PRIMA MC ELVAIN

Enclosed are the results of analyses for samples received by the laboratory on 01/14/22 15:02.

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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. Keene

Lab Director/Quality Manager



Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: PRIMA MC ELVAIN

Project Number: NONE GIVEN
Project Manager: JACE CARAWAY

Fax To: NA

Reported: 31-Jan-22 15:47

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-COM	H220168-01	Soil	13-Jan-22 16:00	14-Jan-22 15:02
CEL-COM	H220168-02	Soil	13-Jan-22 16:00	14-Jan-22 15:02

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Reported:

31-Jan-22 15:47



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

Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: PRIMA MC ELVAIN

Project Number: NONE GIVEN

Project Manager: JACE CARAWAY

Fax To: NA

TB-COM H220168-01 (Soil)

Reporting

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
pH*	8.07		0.100	pH Units	1	2011717	GM	17-Jan-22	9045	
Temperature °C	21.0			pH Units	1	2011717	GM	17-Jan-22	9045	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2011708	MS	18-Jan-22	8015B	
DRO >C10-C28*	487		10.0	mg/kg	1	2011708	MS	18-Jan-22	8015B	
EXT DRO >C28-C36	156		10.0	mg/kg	1	2011708	MS	18-Jan-22	8015B	
Surrogate: 1-Chlorooctane			106 %	66.9-	136	2011708	MS	18-Jan-22	8015B	
Surrogate: 1-Chlorooctadecane			122 %	59.5-	142	2011708	MS	18-Jan-22	8015B	
			Green Anal	ytical Labo	oratories					
General Chemistry										
Total Kjeldahl Nitrogen	721		54.6	mg/kg dry	100	B220259	DTR	31-Jan-22	EPA351.2	
% Dry Solids	91.5			%	1	B220147	VJW	21-Jan-22	EPA160.3/16 84	H1
Phosphorus, Total	541		10.0	mg/kg dry	200	B220246	DTR	27-Jan-22	EPA365.1	
Soluble (DI Water Extraction))									
Ammonia as N	364		20.0	mg/kg	200	B220249	DTR	26-Jan-22	EPA350.1	
Nitrate as N	179		4.00	mg/kg dry	200	[CALC]	DTR	27-Jan-22	EPA353.2	
Nitrate/Nitrite as N	237		4.00	mg/kg dry	200	B220178	AES	19-Jan-22	EPA353.2	
Nitrite as N	41.7		1.09	mg/kg dry	50	B220267	DTR	27-Jan-22	EPA353.2	

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Celey D. Keine

Notes



Result

< 0.227

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

Analytical Results For:

RX-SOIL INC.

Analyte

Nitrite as N

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: PRIMA MC ELVAIN

Project Number: NONE GIVEN

Project Manager: JACE CARAWAY

Fax To: NA

Reported: 31-Jan-22 15:47

Method

Analyzed

CEL-COM H220168-02 (Soil)

Units

Cardinal Laboratories

Dilution

Batch

Analyst

DTR

27-Jan-22

EPA353.2

Reporting Limit

MDL

Inorganic Compounds									
pH*	7.74	0.100	pH Units	1	2011717	GM	17-Jan-22	9045	
Temperature °C	21.0		pH Units	1	2011717	GM	17-Jan-22	9045	
Petroleum Hydrocarbons by G	C FID								S-04
GRO C6-C10*	76.4	10.0	mg/kg	1	2011708	MS	18-Jan-22	8015B	
DRO >C10-C28*	3450	10.0	mg/kg	1	2011708	MS	18-Jan-22	8015B	
EXT DRO >C28-C36	672	10.0	mg/kg	1	2011708	MS	18-Jan-22	8015B	
Surrogate: 1-Chlorooctane		139 %	66.9-1	36	2011708	MS	18-Jan-22	8015B	_
Surrogate: 1-Chlorooctadecane		202 %	59.5-1	42	2011708	MS	18-Jan-22	8015B	
		Green Anal	ytical Labo	ratories					
General Chemistry									
Total Kjeldahl Nitrogen	4330	142	mg/kg dry	250	B220259	DTR	31-Jan-22	EPA351.2	
% Dry Solids	88.1		%	1	B220147	VJW	21-Jan-22	EPA160.3/16 84	H1
Phosphorus, Total	48.8	1.00	mg/kg dry	20	B220246	DTR	27-Jan-22	EPA365.1	
Soluble (DI Water Extraction)									
Ammonia as N	14.8	1.00	mg/kg	10	B220249	DTR	26-Jan-22	EPA350.1	
Nitrate as N	3.59	0.200	mg/kg dry	10	[CALC]	DTR	27-Jan-22	EPA353.2	
Nitrate/Nitrite as N	4.08	0.200	mg/kg dry	10	B220178	AES	19-Jan-22	EPA353.2	

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mg/kg dry

10

B220267

0.227

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: PRIMA MC ELVAIN

Project Number: NONE GIVEN

Project Manager: JACE CARAWAY

Fax To: NA

Reported: 31-Jan-22 15:47

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 2011717 - General Prep - Wet Chem

LCS (2011717-BS1)		Prepared & Analyzed: 17-Jan-22 7.08 pH Units 7.00 101 90-110									
pH	7.08		pH Units	7.00	101	90-110					
Duplicate (2011717-DUP1)	Source	: H220168	-01	Prepared & Anal	lyzed: 17-Jan-22						
pH	8.19	0.100	pH Units	8.	.07		1.48	20			
Temperature °C	21.0		pH Units	2	1.0		0.00	200			

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%REC

Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: PRIMA MC ELVAIN

Spike

Source

Project Number: NONE GIVEN

Project Manager: JACE CARAWAY

Fax To: NA

Reported: 31-Jan-22 15:47

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

		resporting		1						
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2011708 - General Prep - Organics										
Blank (2011708-BLK1)				Prepared: 1	17-Jan-22 A	nalyzed: 1	8-Jan-22			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.9		mg/kg	50.0		99.7	66.9-136			
Surrogate: 1-Chlorooctadecane	48.0		mg/kg	50.0		96.0	59.5-142			
LCS (2011708-BS1)				Prepared: 1	17-Jan-22 A	nalyzed: 1	8-Jan-22			
GRO C6-C10	217	10.0	mg/kg	200		108	81.6-129			
DRO >C10-C28	224	10.0	mg/kg	200		112	83-129			
Total TPH C6-C28	441	10.0	mg/kg	400		110	84.5-127			
Surrogate: 1-Chlorooctane	53.7		mg/kg	50.0		107	66.9-136			
Surrogate: 1-Chlorooctadecane	51.0		mg/kg	50.0		102	59.5-142			
LCS Dup (2011708-BSD1)				Prepared:	17-Jan-22 A	nalyzed: 1	8-Jan-22			
GRO C6-C10	216	10.0	mg/kg	200		108	81.6-129	0.239	21.4	
DRO >C10-C28	214	10.0	mg/kg	200		107	83-129	4.75	17.9	
Total TPH C6-C28	430	10.0	mg/kg	400		107	84.5-127	2.51	17.6	
Surrogate: 1-Chlorooctane	54.4		mg/kg	50.0		109	66.9-136			
Surrogate: 1-Chlorooctadecane	51.4		mg/kg	50.0		103	59.5-142			

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Celey D. Keine



Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: PRIMA MC ELVAIN

Project Number: NONE GIVEN

Project Manager: JACE CARAWAY

Fax To: NA

Reported: 31-Jan-22 15:47

General Chemistry - Quality Control

Green Analytical Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Allatyte	Result	Liiiit	Ollits	Level	Kesuit	70KEC	Lillits	KFD	Lillit	Notes
Batch B220246 - Lachat										
Blank (B220246-BLK1)				Prepared: 2	25-Jan-22 A	nalyzed: 27	7-Jan-22			
Phosphorus, Total	ND	0.0500	mg/kg wet							
LCS (B220246-BS1)				Prepared: 2	25-Jan-22 A	nalyzed: 27	7-Jan-22			
Phosphorus, Total	260	5.00	mg/kg wet	250		104	90-110			
LCS Dup (B220246-BSD1)				Prepared: 2	25-Jan-22 A	nalyzed: 27	7-Jan-22			
Phosphorus, Total	269	5.00	mg/kg wet	250		108	90-110	3.37	20	
Batch B220259 - Lachat										
Blank (B220259-BLK1)				Prepared: 2	27-Jan-22 A	nalyzed: 31	-Jan-22			
Total Kjeldahl Nitrogen	ND	0.500	mg/kg wet							
LCS (B220259-BS1)				Prepared: 2	27-Jan-22 A	nalyzed: 31	-Jan-22			
Total Kjeldahl Nitrogen	198	10.0	mg/kg wet	200		99.2	90-110			
LCS Dup (B220259-BSD1)				Prepared: 2	27-Jan-22 A	nalyzed: 31	-Jan-22			
Total Kjeldahl Nitrogen	199	10.0	mg/kg wet	200		99.6	90-110	0.402	20	

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Celey D. Keene



Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102 Project: PRIMA MC ELVAIN

Project Number: NONE GIVEN

Project Manager: JACE CARAWAY

Fax To: NA

Reported: 31-Jan-22 15:47

Soluble (DI Water Extraction) - Quality Control

Green Analytical Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B220178 - Lachat										
Blank (B220178-BLK1)				Prepared &	k Analyzed:	19-Jan-22				
Nitrate/Nitrite as N	ND	0.200	mg/kg wet							
LCS (B220178-BS1)				Prepared &	k Analyzed:	19-Jan-22				
Nitrate/Nitrite as N	9.92	0.200	mg/kg wet	10.0		99.2	80-120			
LCS Dup (B220178-BSD1)				Prepared &	દે Analyzed:	19-Jan-22				
Nitrate/Nitrite as N	9.96	0.200	mg/kg wet	10.0		99.6	80-120	0.433	20	
Batch B220249 - Lachat										
Blank (B220249-BLK1)				Prepared &	દે Analyzed:	26-Jan-22				
Ammonia as N	ND	0.100	mg/kg							
LCS (B220249-BS1)				Prepared &	દે Analyzed:	26-Jan-22				
Ammonia as N	2.36	0.100	mg/kg	2.50		94.4	80-120			
LCS Dup (B220249-BSD1)				Prepared &	k Analyzed:	26-Jan-22				
Ammonia as N	2.34	0.100	mg/kg	2.50		93.7	80-120	0.727	20	
Batch B220267 - Lachat										
Blank (B220267-BLK1)				Prepared &	k Analyzed:	27-Jan-22				
Nitrite as N	ND	0.020	mg/kg wet							
LCS (B220267-BS1)				Prepared &	k Analyzed:	27-Jan-22				
Nitrite as N	10.3	0.200	mg/kg wet	10.0		103	80-120			

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Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: PRIMA MC ELVAIN

Project Number: NONE GIVEN

Project Manager: JACE CARAWAY
Fax To: NA

Reported: 31-Jan-22 15:47

Soluble (DI Water Extraction) - Quality Control

Green Analytical Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch B220267 - Lachat

LCS Dup (B220267-BSD1)		Prepared & Analyzed:	27-Jan-22			
Nitrite as N	10.4	0.200 mg/kg wet 10.0	104	80-120	0.916	20

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Celey D. Keene



Notes and Definitions

C 0.4	T .	C 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		The second of	
S-04	The surrogate recovery	for this sample is outside	e of established contro	of limits due to a samp	ne matrix effect.

H1 Sample was received several days after collected and subsequently analyzed past hold time.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAI Laboratorie:

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

Company Name:	PK5011		RILL		
Project Manager:	Jace		P.O. #:		ANALYSIS REQUEST
Address:			Company:		
City:	State:	Zip:	Attn:		
Phone #:	Fax #:		Address:		
Project #:	Project Owner:		City:		5
Project Name:			State: Zip:		ı
Project Location:	peins me Elvain		#		<u></u>
Sampler Name:	Tare Chrania		Though.		a
EVEL AD LIDE ONLY	CHANGE CHANGE		Fax #:		
TOR DIS USE ONLY		C)OMP.	PRESERV. SAM	ale	rite
Lab I.D.	Sample I.D.	G)RAB OR (CONTAINER GROUNDWAT WASTEWATE GOIL DIL GLUDGE	OTHER: CID/BASE: CE / COOL OTHER:	PH TKN Nitro	Amn Phos TPH
_	TB-COM	1	10	7.00.1	
· P	Cel-con	<	1-13	1	
ASE NOTE: Liability and Damag	ASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remady for any claim arising whether based in contract or tort, shall be limited to the amount and but the client's exclusive remady for any claim arising whether based in contract or tort, shall be limited to the amount and but the client's exclusive remady for any claim arising whether based in contract or tort, shall be limited to the amount and but the client's exclusive remady for any claim arising whether based in contract or tort, shall be limited to the amount and but the client's exclusive remady for any claim arising whether based in contract or tort, shall be limited to the amount and but the client's exclusive remady for any claim arising whether based in contract or tort, shall be limited to the amount and but the client's exclusive remady for any claim arising whether based in contract or tort, shall be limited to the amount and the client's exclusive remady for any claim arising whether based in contract or tort, shall be limited to the amount and the client's exclusive remady for any claim arising whether based in contract or tort, shall be limited to the amount and the client's exclusive remains	any claim arising whether based in contract or to	for shall be limited to the amount said		
vice. In no event shall Cardinal be fates ' , successors arising out of c elinquished By:	vice. In no event shall Cardinal be liable for incidental or consequental damages, including without inhalton, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, successors arising out of or related to the performance of services hereunder by Cardinal, regardfort of this charton business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, successors arising out of or related to the performance of services hereunder by Cardinal, regardfort of this business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, successors arising out of or related to the performance of services hereunder by Cardinal, regardfort of this business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	on cluding without imitation, business interruptions, logs of the VC Cardinal, regardice: of whother such drivin is ba	wrang and received by Cardinal within 30 days after ruptions, loss of use, or loss of profits incurred by cli ch ch im is based upon any of the above stated rea	completion of the applicable lent, its subsidiaries, sons or otherwise.	
Ans S	100 Sebil	(Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:	o Add'I Phone #: provide Email address:
	Time:	Regeived By:		REMARKS:	
elivered By: (Circle One)	ne) Observed Temp. °C - IO. Other: Corrected Temp. °C - IO	Sample Cor Cool Inta	CHECKED BY:	Turnaround Time: Standard Thermometer ID #113	
COMM-000 K 3, T C	† Cardinal c	6	J. V.	Correction Factor None	☐ Nc ☐ No Corrected Temp. °C



September 06, 2022

MATTHEW LONGCRIER
RX-SOIL INC.
201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: MC ELVAIN 5

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

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

Celey D. Keene

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

 Received:
 08/29/2022
 Sampling Date:
 08/26/2022

 Reported:
 09/06/2022
 Sampling Type:
 Soil

Project Name: MC ELVAIN 5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: PRIMA - HOBBS, NM

Sample ID: S 1 (H223953-01)

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	08/30/2022	ND	2.06	103	2.00	0.0420	
Toluene*	<0.050	0.050	08/30/2022	ND	2.04	102	2.00	0.419	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.97	98.3	2.00	0.480	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.12	102	6.00	0.409	
Total BTEX	<0.300	0.300	08/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	69.9-14	0						
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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	489	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	157	10.0	08/31/2022	ND					
Surrogate: 1-Chlorooctane	93.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	141 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/29/2022 Sampling Date: 08/26/2022

Reported: 09/06/2022 Sampling Type: Soil

PRIMA - HOBBS, NM

Project Name: MC ELVAIN 5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Sample ID: S 2 (H223953-02)

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	08/31/2022	ND	2.05	103	2.00	0.447	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	0.0474	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.18	103	6.00	1.52	
Total BTEX	<0.300	0.300	08/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	776	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	249	10.0	08/31/2022	ND					
Surrogate: 1-Chlorooctane	103 :	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	171	% 46.3-17	8						

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Celey & Keene



Analytical Results For:

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

Received: 08/29/2022 Sampling Date: 08/26/2022

Reported: 09/06/2022 Sampling Type: Soil

Project Name: MC ELVAIN 5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: PRIMA - HOBBS, NM

Sample ID: S 3 (H223953-03)

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	08/31/2022	ND	2.05	103	2.00	0.447	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	0.0474	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.18	103	6.00	1.52	
Total BTEX	<0.300	0.300	08/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	69.9-14	0						
TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	445	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	142	10.0	08/31/2022	ND					
Surrogate: 1-Chlorooctane	102 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	135 %	6 46.3-17	8						

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Celey & Keene



Analytical Results For:

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

Received: 08/29/2022 Sampling Date: 08/26/2022

Reported: 09/06/2022 Sampling Type: Soil

Project Name: MC ELVAIN 5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: PRIMA - HOBBS, NM

Sample ID: S 4 (H223953-04)

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	08/31/2022	ND	2.05	103	2.00	0.447	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	0.0474	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.18	103	6.00	1.52	
Total BTEX	<0.300	0.300	08/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	600	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	175	10.0	08/31/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	139 9	% 46.3-17	8						

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Celey & Keene



Analytical Results For:

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

Received: 08/29/2022 Sampling Date: 08/26/2022

Reported: 09/06/2022 Sampling Type: Soil

Project Name: MC ELVAIN 5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: PRIMA - HOBBS, NM

Sample ID: S 5 (H223953-05)

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	08/31/2022	ND	2.05	103	2.00	0.447	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	0.0474	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.18	103	6.00	1.52	
Total BTEX	<0.300	0.300	08/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	961	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	276	10.0	08/31/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	161 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/29/2022 Sampling Date: 08/26/2022

Reported: 09/06/2022 Sampling Type: Soil

Project Name: MC ELVAIN 5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: PRIMA - HOBBS, NM

Sample ID: S 6 (H223953-06)

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	08/31/2022	ND	2.05	103	2.00	0.447	
Toluene*	<0.050	0.050	08/31/2022	ND	2.01	101	2.00	0.0474	
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.18	103	6.00	1.52	GC-NC
Total BTEX	<0.300	0.300	08/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	69.9-14	0						
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	08/31/2022	ND	189	94.7	200	1.29	
DRO >C10-C28*	639	10.0	08/31/2022	ND	209	105	200	0.868	
EXT DRO >C28-C36	217	10.0	08/31/2022	ND					
Surrogate: 1-Chlorooctane	93.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	142 9	% 46.3-17	8						

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Celey & Keene



Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476	176			
Company Name: D X SolL		BILL TO	ANALYSIS	YSIS REQUEST
37		P.O. #:		
		Company:		
Sity: State:	Zip:	Attn:		
e#:		Address:		
Project #: Project Owner: Pri Mo	Primo	City:		
me MEIVEIN 5		State: Zip:		
Societ Location: Hobbs NM		Phone #:		
See See		Fax #:	×	
Sampler Name: VO-SOA COVE	MATRIV	DDESERV SAMPLING	1	
FOR LAB USE ONLY	S ER		PH 3Te	
Lab I.D. Sample I.D.	(G)RAB OR (C)OI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	TP	
	7		ラブグ	
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14 C				
PLEASE NOTE: Lability and Danasyers, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or bot, shall be limited to the amount paid by the client for the amount paid by the client for the applicable analyses. All claims including those for negligeness and any other cause whateover shall be deemed whited unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligeness and any other cause whateover shall be deemed whited limitation, business interruptions, loss of yords incurred by client, its subsidiaries.	any claim arising whether based in contra deemed waived unless made in writing a a without timitation, business interruption	tel or tort, shall be limited to the amount paid by the and received by Cardinal wiltin 30 days after complete, loss of use, or loss of profits incurred by client, its s	client for the sion of the applicable subsideries.	
affiliates or successive arising sail of or related to the performance of services hereunder by: Relinquished By:	Received By:	to of sorvices hereunder by Cardinal, regardless of whether such elim is based upon any of the above succer resource. Received By: All R	ilt: ☐ Yes ☐ No re emailed. Please provi	Add'I Phone #: de Email address:
7	Shock	Podrigue	REMARKS:	
Refinquished By:	Nordivor 54.			
Delivered By: (Circle One) Observed Temp. °C 4. 0 c Corrected Temp. °C 4. 7 c	4.9 Sample Condition Cool Intact Press Pres	CHECKED BY: (Initials)	Turnaround Time: Standard Turnaround Time: Russi	Bacteria (only) Sample Conduiton Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C



September 27, 2022

JACE CARAWAY

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: MC ELVAIN 5

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

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

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

RX-SOIL INC.

JACE CARAWAY

201 MAIN STREET, SUITE 1360

FORT WORTH TX, 76102

Fax To: NA

 Received:
 09/22/2022

 Reported:
 09/27/2022

 Project Name:
 MC ELVAIN 5

Project Number: NOT GIVEN
Project Location: PRIMA - HOBBS, NM

Sampling Date: 09/21/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 1 (H224407-01)

TPH 8015M	mg/l	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	177	88.6	200	2.16	
DRO >C10-C28*	310	10.0	09/23/2022	ND	176	88.1	200	3.20	
EXT DRO >C28-C36	135	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	79.6 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.5 %	6 46.3-17	8						

Sample ID: S 2 (H224407-02)

TPH 8015M	mg/l	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	177	88.6	200	2.16	
DRO >C10-C28*	466	10.0	09/23/2022	ND	176	88.1	200	3.20	
EXT DRO >C28-C36	203	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	81.3 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	144 %	6 46.3-17	8						

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Celey D. Keine



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To: NA

Received: 09/22/2022 Sampling Date: 09/21/2022

Reported: 09/27/2022 Sampling Type: Soil
Project Name: MC ELVAIN 5 Sampling Condition: Cool & Intact

Project Location: PRIMA - HOBBS, NM

NOT GIVEN

Sample ID: S 3 (H224407-03)

Project Number:

TPH 8015M Analyte	mg/kg		Analyzed By: CK						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	177	88.6	200	2.16	
DRO >C10-C28*	503	10.0	09/23/2022	ND	176	88.1	200	3.20	
EXT DRO >C28-C36	202	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	68.9 9	% 45.3-16	45.3-161						
Surrogate: 1-Chlorooctadecane	83.5 9	% 46.3-17	8						

Sample ID: S 4 (H224407-04)

TPH 8015M Analyte	mg/kg		Analyzed By: CK						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	177	88.6	200	2.16	
DRO >C10-C28*	688	10.0	09/23/2022	ND	176	88.1	200	3.20	
EXT DRO >C28-C36	260	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	84.2 9	% 45.3-16	45.3-161						
Surrogate: 1-Chlorooctadecane	148 %	6 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: NA

 Received:
 09/22/2022
 Sampling Date:
 09/21/2022

 Reported:
 09/27/2022
 Sampling Type:
 Soil

Project Name: MC ELVAIN 5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Project Location: PRIMA - HOBBS, NM

Sample ID: S 5 (H224407-05)

TPH 8015M	mg/kg		Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	177	88.6	200	2.16	
DRO >C10-C28*	855	10.0	09/23/2022	ND	176	88.1	200	3.20	
EXT DRO >C28-C36	316	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	94.6 %	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	169 %	6 46.3-17	8						

Sample ID: S 6 (H224407-06)

TPH 8015M	mg/kg		Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	177	88.6	200	2.16	
DRO >C10-C28*	1130	10.0	09/23/2022	ND	176	88.1	200	3.20	
EXT DRO >C28-C36	393	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	79.7 %	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 %	6 46.3-17	8						

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Celey D. Keene



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

Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NW 88247 (575) 393-2326 FAX (575) 393-247	Laborato	
5) 393-2476	TRS	Section 1

-	(575) 393-2326 FAX (575) 393-2476	-2476	BILL TO		ANA	ANALYSIS REQUEST
roject Manager:	John Co-la work		P.O. #:			
Address:			Company:			_
ddiess.	State:	Zip:	Attn:		_	
ohone #	Fax #:		Address:		_	_
Project #:	Project Ow	Project Owner. Primo Exploration	City:			
ame:	MC Elvain		State: Zip:			
	Hobbs NM		Phone #:			_
Toject Loome:	Hares Adoms		Fax #:			_
Sampler Name:		MATRIX	SERV	SAMPLING		_
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	TAH		
- Land	\$3 \$3 \$3		1/2	7		
ent	95					
		2		2		
PLEASE NOTE: Liabetly and analyses. All claims including service, in no event shall Care	PLEAGE NOTE: Liability and Damayers. Condenat's liability and client's exclusive remedy for any claim arising whether based in contract or lost, shall be finited to the amount policy the client for the processor. All claims including those for neighbors and any other cause whateover shall be deemed waked unless made in writing and received by Clarifinal within 30 days after completion of the applicable ambyses. All claims including those for neighbors and any other cause whateover shall be deemed waked unless made in writing and received by client, as subsidiarios. service, in no event shall Cardinal but liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profiles incurred by client, as subsidiarios.	illy and client's exclusive remedy for any claim arising whether based in contract or lost, shall be limited to the amount pold by the client for the any other causes whatsower shall be deemed wahed unless made in writing and received by Caudinal within 30 days after completion of the an any other causes whatsower shall be deemed wahed unless made in writing and received by Caudinal, which all be absoluted in the consequential damages, including without limitation, business interruptions, loss of use, or loss of profile incurred by client, its subsidiations, it or consequential damages, including without limitation, business interruptions, loss of use, or loss of profile incurred by client, its subsidiations, it or consequently all damages are shall be above stated reasons or otherwise.	t or lort, shall be limited to the amount p nd received by Cardinal within 30 days of loss of use, or loss of profits incurred by to based upon any of the above stated	pplicable	Yes D No Ado	Add'l Phone #:
Relinquished By:	Date:	Received By:	26	All Results are email	d. Please provide E	mail address:
Relinquished By:	Date:	Received By:	9	REMARKS:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	rcle One) Observed Temp.°C	Sample Condition Cool Intact C	cHECKED BY: (Initials) es	Turnaround Time: Thormometer ID #113 Correction Factor -0.5°C	Standard K	Cool Intact Observed Temp.
Complete		10	NO			

Page 6 of 6



June 19, 2023

MAVERICK MICKLE

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: PRIMA MC ELVAIN #5

Enclosed are the results of analyses for samples received by the laboratory on 06/14/23 8:17.

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

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

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

Celey D. Keene

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 06/14/2023 Sampling Date: 06/12/2023
Reported: 06/19/2023 Sampling Type: Soil

Reported: 06/19/2023 Sampling Type: Soil
Project Name: PRIMA MC ELVAIN #5 Sampling Condition: Cool & Intact

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: LEA COUNTY

Sample ID: S 1 (H233047-01)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/14/2023	ND	183	91.6	200	1.80	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	184	91.8	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.3	% 49.1-14	8						

Sample ID: S 2 (H233047-02)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/14/2023	ND	183	91.6	200	1.80	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	184	91.8	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.0	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

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

Received: 06/14/2023 Sampling Date: 06/12/2023

Reported: 06/19/2023 Sampling Type: Soil

Project Name: PRIMA MC ELVAIN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: LEA COUNTY

Sample ID: S 3 (H233047-03)

TPH 8015M	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/14/2023	ND	183	91.6	200	1.80	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	184	91.8	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

Sample ID: S 4 (H233047-04)

TPH 8015M	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/14/2023	ND	183	91.6	200	1.80	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	184	91.8	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	'8						

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Celey & Keene



Analytical Results For:

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

Fax To: NA

Received: 06/14/2023 Sampling Date: 06/12/2023

Reported: 06/19/2023 Sampling Type: Soil

Project Name: PRIMA MC ELVAIN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: LEA COUNTY

Sample ID: S 5 (H233047-05)

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	06/14/2023	ND	183	91.6	200	1.80	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	184	91.8	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	'8						

Sample ID: S 6 (H233047-06)

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	06/14/2023	ND	183	91.6	200	1.80	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	184	91.8	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	73.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.0	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 06/14/2023 Sampling Date: 06/12/2023

Reported: 06/19/2023 Sampling Type: Soil

Project Name: PRIMA MC ELVAIN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: LEA COUNTY

Sample ID: SW 1 (H233047-07)

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	06/19/2023	ND	1.55	77.7	2.00	23.8	
Toluene*	<0.050	0.050	06/19/2023	ND	1.83	91.6	2.00	5.54	
Ethylbenzene*	<0.050	0.050	06/19/2023	ND	1.95	97.4	2.00	1.48	
Total Xylenes*	<0.150	0.150	06/19/2023	ND	5.87	97.8	6.00	3.26	
Total BTEX	<0.300	0.300	06/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/14/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	197	98.4	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	178	89.0	200	0.171	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 06/14/2023 Sampling Date: 06/12/2023

Reported: 06/19/2023 Sampling Type: Soil

Project Name: PRIMA MC ELVAIN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: LEA COUNTY

mg/kg

Sample ID: SW 2 (H233047-08)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2023	ND	1.55	77.7	2.00	23.8	
Toluene*	<0.050	0.050	06/19/2023	ND	1.83	91.6	2.00	5.54	
Ethylbenzene*	<0.050	0.050	06/19/2023	ND	1.95	97.4	2.00	1.48	
Total Xylenes*	<0.150	0.150	06/19/2023	ND	5.87	97.8	6.00	3.26	
Total BTEX	<0.300	0.300	06/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/14/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	197	98.4	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	178	89.0	200	0.171	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 06/14/2023 Sampling Date: 06/12/2023

Reported: 06/19/2023 Sampling Type: Soil

Project Name: PRIMA MC ELVAIN #5 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: LEA COUNTY

Sample ID: SW 3 (H233047-09)

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	06/19/2023	ND	1.55	77.7	2.00	23.8	
Toluene*	<0.050	0.050	06/19/2023	ND	1.83	91.6	2.00	5.54	
Ethylbenzene*	<0.050	0.050	06/19/2023	ND	1.95	97.4	2.00	1.48	
Total Xylenes*	<0.150	0.150	06/19/2023	ND	5.87	97.8	6.00	3.26	
Total BTEX	<0.300	0.300	06/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/14/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	197	98.4	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	178	89.0	200	0.171	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.6	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

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

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name:	: BYSoil Inc			1	1	1	1	1	J	1	1	1	4			l	ı	l	l		l	ı	ı	ı	ı	l			
Project Manager:					- 1					0	#		DILL	7 10		7	1	1	1	P	ANALYSIS	Sis	2	ä	REQUEST	1		1	1
Address:	105 W Main St	St								Company:	gan	N.		RXSoil Inc							_				_	_			
City: Decatur		State: TX	Zip	Zip: 76234	5234	-				Att	۳.	Ry.	ee C	Attn: Rylee Oakley							_	_				_			
Phone #: 682-352-1039	2-1039	Email:								Ado	res	S	105	Address: 105 W Main St												_			_
Project #:		Project Owner: Stan Mickle	r: St	an N	lick	е				City: Decatur		ec:	Ĕ									_				_			
Project Name: P	Prima McElvain #5									State: TX	e:	Z	.	Zip: 76234	4							_				_			_
Project Location: Lea County	: Lea County			- 1					_	Phone #:	ne	#	(68		39						_	_				_			_
Sampler Name: Maverick Mickle	Maverick MIckle								_	m l	=	A	@ 1	Email: A/P@rxsoil.solutions	75						_	_				_			_
FOR LAB USE ONLY			ΛP.				MATRIX		_	-	PRESERV	- SE	?	SAMPLING	LING														
Lab I.D.	Samp	Sample I.D.	RAB OR (C)OME	ONTAINERS	OUNDWATER	STEWATER					D/BASE:	/ COOL	HER:			PH	TEX	hlorides											
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9	SW3		C	-		\perp	1	+	\dashv	-	╬	#		6/12/23	1:00	1	~	\	I	ili	iii	╬		Π	iffi	₩			
PLEASE NOTE: Liability and analyses. All claims including	Damages. Cardinal's liability those for negligence and an	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatopever shall be deemed without playing and received by Cardinal within 10 flave after completion of the contraction.	ny claim seemed	arising	whet	her ba	sed in	contra	ct or t	ort, sh	all be	limite.	d to th	e amount paid b	arising whether based in contract or tort, shall be limited to the amount paid by the client for the waived unless made in writing and received by Cartifinal within 30 down after completion of the contract				Ī	F	F	F	L		ľ	F	L		F
service. In no event shall Cardinal be liab affiliales or successors arising out of or re	final be liable for incidental of out of or related to the perfo	service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Relinguis hed-Ry:	without ardinal,	fimitat regard	on, bu	sines:	intern er su	uption:	n is b	of us	e, or k	oss of	profits the at	incurred by clies love stated reason	nt, its subsidiaries ons or otherwise.	, de													
A. A.		Time:	- 3	Veceived b	2	1	WAUTION !	2	1		1	110	1	1	All Results are emailed. Please provide Email address:	are en	□ Yes	Pleas	□ No	Add'	Add'I Phone #: ide Email addres	idres	S						
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Sampler - UPS - Bus	us - Other:	Corrected Temp. *C	300	7	-0	Cool Intact Yes Yes	es 1	7	es \			3	(Initials)		Thermometer ID	ID #113	3	Rush			Cool	- N	Intact	es O	bserv	Observed Temp. °C	np. °	C	
FURW-006 R 3.2	3.2 10/0//21		I	1	L	E	No	ļ,	No	H	1	k	ı	,	Correction Factor -0.5°C	ctor -c					Z	Ь	z	00	orrect	No Corrected Temp. °C	mp.	ď	



February 27, 2024

STAN MICKLE

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: MC ELVAIN 5

Enclosed are the results of analyses for samples received by the laboratory on 02/26/24 14:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 02/26/2024 Sampling Date: 02/26/2024

Reported: 02/27/2024 Sampling Type: Soil

Project Name: MC ELVAIN 5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Dionica Hinojos

Applyand By 14

Project Location: PRIMA - HOBBS, NM

Sample ID: H 1 - 6" (H240925-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2024	ND	2.07	103	2.00	6.55	
Toluene*	<0.050	0.050	02/26/2024	ND	2.04	102	2.00	6.70	
Ethylbenzene*	<0.050	0.050	02/26/2024	ND	2.01	100	2.00	6.68	
Total Xylenes*	<0.150	0.150	02/26/2024	ND	5.85	97.5	6.00	7.10	
Total BTEX	<0.300	0.300	02/26/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/27/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2024	ND	190	95.0	200	2.31	
DRO >C10-C28*	<10.0	10.0	02/26/2024	ND	208	104	200	1.65	
EXT DRO >C28-C36	<10.0	10.0	02/26/2024	ND					
Surrogate: 1-Chlorooctane	79.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

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

Received: 02/26/2024 Sampling Date: 02/26/2024

Reported: 02/27/2024 Sampling Type: Soil

Project Name: MC ELVAIN 5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: PRIMA - HOBBS, NM

ma/ka

Sample ID: H 2 - 6" (H240925-02)

RTFY 8021R

B1EX 8021B	mg,	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2024	ND	2.07	103	2.00	6.55	
Toluene*	<0.050	0.050	02/26/2024	ND	2.04	102	2.00	6.70	
Ethylbenzene*	<0.050	0.050	02/26/2024	ND	2.01	100	2.00	6.68	
Total Xylenes*	<0.150	0.150	02/26/2024	ND	5.85	97.5	6.00	7.10	
Total BTEX	<0.300	0.300	02/26/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID 95.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/27/2024	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	02/26/2024	ND	190	95.0	200	2.31	
DRO >C10-C28*	<10.0	10.0	02/26/2024	ND	208	104	200	1.65	
EXT DRO >C28-C36	<10.0	10.0	02/26/2024	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4	ND					

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Celey D. Kreine



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name:	RX Soil		BILL TO		ANALYSIS REQUEST	
Project Manager: Stan Mick	stan Mickle	P.O. #:			THE COLO	
Address: 105 W Main St	N Main St	Compa	Company: RXSO;			
city: Decatur	State: TX	Zip: 76234	Attn: Rylee Oakley			
Phone #: 682-352-1039	352-1039 Fax#:		Address: 10 S W Main			
Project #:		Project Owner: Stan Mickle city: 0	city: Decatur			
Project Name: McElvain	Elvain Fed 5	State:	State: TX Zip: 76 234			
Project Location: Lea	ea County	Phone #	Phone #:682 - 352 -1039			
Sampler Name: 1	Tristan lurley	Fax #:				
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	5		
1340926 Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: CE/COOL	DATE TIME	Chloride TPH BTex		
>	HI - 6"		2-26 1	X		
9	H2-6"			X		
LEASE NOTE: Liability and Dama nalyses. All claims including those process in no event shall Cardinal by the control of the co	ges. Cardinal's liability and client's exclusive remedy for for regigence and any other cause whatspever shall be e liable for incidental or consequental damages, including the consequence in the consequental camages.	PLEASE NOTE: Liability and Damages. Cardinat'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 walved unless made in writing and received by Cardinal within 30 days after completion of the applications or successors arising out of createst at the contraction of the special cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	imited to the amount paid by the client for the ratinal within 30 days after completion of the apples of profits incurred by client, its subsidiaries.	icable		
Must by:	Date: 12:40	Received By:	All Results are	☐ Yes ☐ No emailed. Please provid	Add'I Phone #: e Email address:	
will delicited by.	Time:	Received By:	REMARKS:	email to exgroup	do	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	One) Observed Temp. °C Other: Corrected Temp. °C	Sample Condition Cool Intact A Yes A Yes No No	(Initials) Turnaround Time: Thermometer ID #14 Correction Factor 0°	ne: Standard	Bacteria (only) Sa Cool Intact	
	+ Cardinal cannot	account works		1	LI NO LI NO Corrected Temp. °C	

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

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

QUESTIONS

Action 324215

QUESTIONS

Operator:	OGRID:
RXSoil, Inc.	329578
105 W Main St	Action Number:
Decatur, TX 76234	324215
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2107740815
Incident Name	NAPP2107740815 MCELVAIN FEDERAL 5 @ 30-025-29051
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-29051] MCELVAIN #005

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MCELVAIN FEDERAL 5
Date Release Discovered	03/16/2021
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications	for the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Crude Oil Released: 60 BBL Recovered: 50 BBL Lost: 10 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The circulating pump was turned on unexpectedly and the equalizer line was plugged on the tanks. Oil was pumped out of the selling tank and filled the producing tank, which caused the tank to run over. 60 bbls oil was spilled and 50 bbls of oil was recovered. We did not have issues with the gas or production water.

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1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 324215

QUESTIONS (continued)

Operator:	OGRID:
RXSoil, Inc.	329578
105 W Main St	Action Number:
Decatur, TX 76234	324215
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	

Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.			
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes			
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.			
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.				
Initial Response				

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	All actions have been taken

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

Name: Zach Robbins
Title: Environmental Engineer
Email: zach.robbins@rxsoil.solutions
Date: 03/18/2024

District I
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Phone: (575) 393-6161 Fax: (575) 393-0720 District II

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

QUESTIONS, Page 3

Action 324215

QUESTIONS (continued)

Operator:	OGRID:
RXSoil, Inc.	329578
105 W Main St	Action Number:
Decatur, TX 76234	324215
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

vided to the appropriate district office no later than 90 days after the release discovery date.	
Yes	
mination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Yes	
No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
16800	
127340	
98540	
70.8	
1.6	
ompleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
09/10/2021	
06/13/2023	
05/31/2023	
0	
0	
1233	
150	
on at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
ח	

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

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

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

QUESTIONS, Page 4

Action 324215

QUESTIONS (continued)

Operator:	OGRID:
RXSoil, Inc.	329578
105 W Main St	Action Number:
Decatur, TX 76234	324215
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate	This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	No	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Yes	
Other Non-listed Remedial Process. Please specify	Ex Situ Treatment RXSoil constructed an above-ground treatment cell adjacent to the contaminated area. Berms were placed around the perimeter of the cell area. A 20-mil reinforced poly liner was installed on the surface and up the sides of the berms to contain treatment. A proprietary drainage and collection system was installed prior to filling the cell with contaminated soil. A leachate from treating the soil was collected and hauled off to a SWD.	

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement

Name: Zach Robbins Title: Environmental Engineer Email: zach.robbins@rxsoil.solutions

Date: 03/18/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

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

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

QUESTIONS, Page 5

Action 324215

QUESTIONS (continued)

Operator:	OGRID:
RXSoil, Inc.	329578
105 W Main St	Action Number:
Decatur, TX 76234	324215
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

District I

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

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

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

QUESTIONS, Page 6

Action 324215

QUESTIONS (continued)

OGRID:
329578
Action Number:
324215
Action Type:
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	312787
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/12/2024
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	1000

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1233
What was the total volume (cubic yards) remediated	150
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	The Top 2' of tank battery was contaminated with chlorides and Excavated. The bottom 1' of the tank battery was treated In situ with RXBiotics for TPH contaminants The Top 2' soil was treated Ex Situ in an above ground treatment cell. After confirmation samples of clean soil, the soil was transferred back into the tank battery. Then the entire tank battery was treated In situ with RXBiotics for TPH contaminants.

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

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

Name: Zach Robbins
Title: Environmental Engineer
Email: zach.robbins@rxsoil.solutions
Date: 03/18/2024

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1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 7

Action 324215

QUESTIONS (continued)

Operator:	OGRID:
RXSoil, Inc.	329578
105 W Main St	Action Number:
Decatur, TX 76234	324215
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 324215

CONDITIONS

Operator:	OGRID:	
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CONDITIONS

Created By	Condition	Condition Date
scwells	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC	3/19/2024